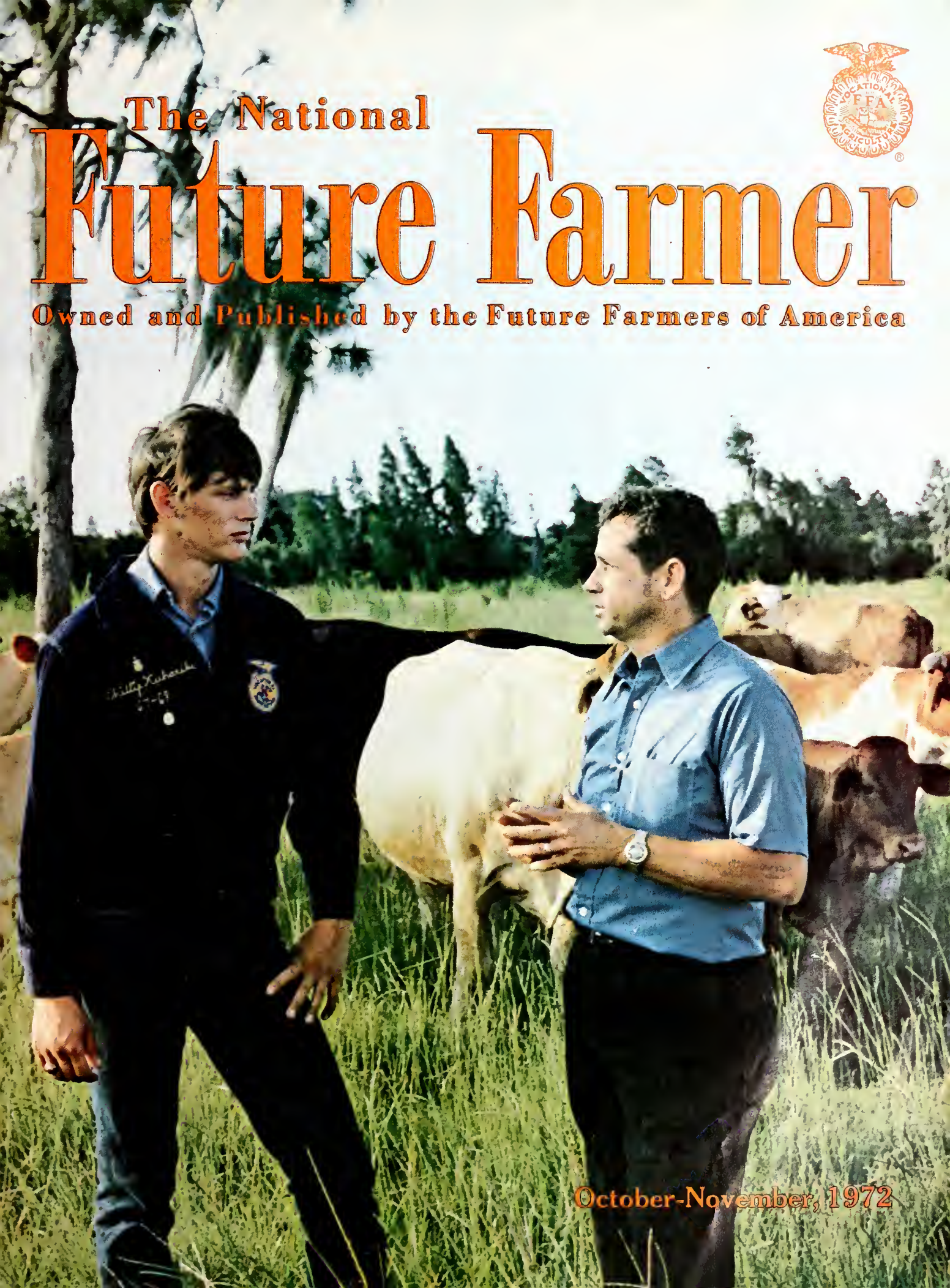

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October-November, 1972

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Our Cover

Groveland, Florida, FFA member Philip Kuharske listens intently to the suggestions being made by Advisor Freddie Garner concerning Phil's purebred Beefmasters. The Beefmaster cattle, developed about forty years ago in an extension cross-breeding program, are ½ Brahman, ¼ Milking Shorthorn, and ¼ Hereford. A typical bull weighs approximately 1,100 pounds at 13 months of age and a mature sire scales in the neighborhood of 2,500 pounds. Several colors and markings are characteristic of the breed. The story of Phil's cattle business and corporation can be found on page 10 in the article "Beef on Pasture Year-Round."

Photo by Ron Miller

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Our 21st Year

The National FUTURE FARMER begins its 21st year of publication with this issue. At one time, perhaps more than now, age 21 was a milestone in an individual's life. They became old enough to vote, sign legal papers, and otherwise assume the full responsibility of adulthood.

For the FFA magazine, we hope it denotes maturity—a coming of age. We can look back over those years and recall many of the magazine's successes—and disappointments, remember some of the fine people who have served on its staff, and remember the readers—some we have known personally, others only by their letters, and some not at all except through the pages of the magazine. There have been many heartwarming letters from parents of FFA members, FFA advisors, and other supporters of FFA. We can remember, too, the advertisers who have supported the FFA magazine so well and how their advertising dollars have helped publish a better magazine for FFA members. And we can remember a few brickbats along with the bouquets.

But what kind of a magazine for the future? First and foremost, it must be one that continues to serve first the interest and needs of the FFA member. This is reflected in the magazine's objectives. Briefly they are:

To strengthen the aims and purposes of FFA by publishing examples of how these are being fulfilled by FFA members.

To help FFA members find a career in farming, ranching, and other fields of agribusiness.

To inspire FFA members to greater achievements in agriculture, leadership, education, and wholesome recreation.

To promote the democratic principles upon which this country was founded and the acceptance of responsible citizenship during youth.

To inform FFA members of the newest developments in agriculture.

To contribute to better public relations for FFA and agriculture.

To recognize achievements of members.

If these goals are achieved, members will continue to be inspired by articles in the magazine, motivated to greater achievement, and provided ideas and information to point them on their way to success.

Wilson Carnes, Editor

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Looking Ahead

Livestock

POLLUTION-FREE FEEDLOT—Ohio Feed Lot, a South Charleston company, produces about 20,000 head of beef cattle in a pollution-free system. To eliminate water and air pollution, the cattle are housed in eight 67-foot x quarter-mile, steel buildings with open walls and electrically operated curtains. The digester—a machine capable of circulating air through manure, thereby speeding up the sterilizing period—processes daily about 400 tons of manure. The new sterilized product is packaged in 5-, 10-, 25-, and 50-pound bags and sold to produce growers and gardeners. In time, the firm will be putting out approximately 25,000 tons of organic fertilizer.

RECYCLED CHICKENFEED—A giant machine which recycles chicken manure into chickenfeed has been developed by Mr. Marvin Smallegan, an engineer with the Organic Pollution Control Corporation. The machine chops the manure, blends it with predried ingredients, and moves it through a vertical oven at 500 degrees Fahrenheit. About half of the feed eaten by chickens is virtually undigested. So by getting rid of bacteria and other impurities, the recycled high-protein feed can be mixed with new chickenfeed. The oven-dried product resembles black grass seed.

Crops

GRAIN AGREEMENT—On July 8 the United States and the Soviet Union agreed to a three-year grain trading program. Through the agreement the United States will sell $750 million of grain, with $200 million of grain being sold during the first year. The Russian government has the option to meet its purchase commitment with wheat, corn, barley, grain sorghum, rye, or oats. This sale makes the Soviet Union our second largest buyer of grain. According to Secretary of Agriculture Earl Butz, "The new sale will increase our grain exports by about 17 percent annually over the next three years."

FORAGE LAND—"In years to come more of the cropland will be used to produce crops for direct human consumption rather than via livestock conversion," remarked Roy Blaser, a Virginia Polytechnic Institute agronomist at the American Forage and Grassland Council's Research Industry Conference. Thus, forages for livestock will be grown on land not suitable for intensive cropping due to soil and environmental factors. Because of this trend forages are expected to make up an increasing amount of feed nutrients for ruminants in the future.

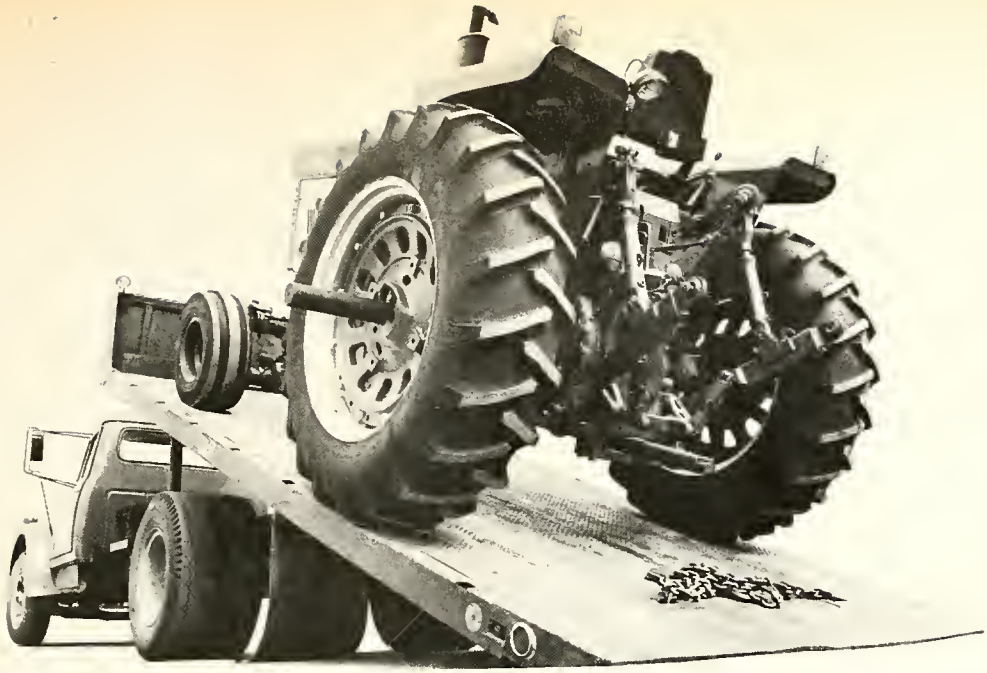
Machinery

PTO PROTECTION—A new protective device for power take-offs has been developed by Deere & Company. The device, called PTO Powr-Gard, completely encloses the universal joint and the PTO coupler with free-spinning shielding. The new protection will be introduced as standard equipment on 1973 John Deere products along with free-spinning shielding already on other portions of the PTO drive shaft.

TRACTOR SALES—Last year 120 h.p. tractors recorded 10 percent of the sales as compared to 3 percent in 1968. Tractors with 140 h.p. or more doubled their sales volume, and for the first time in which statistics were kept, the sales of four-wheel drive tractors totaled 2,500. Meanwhile, the average h.p. per farm worker reached 48 as compared to 9 in 1950. These trends will continue. By 1975, the USDA's *Farm Index* predicts the average h.p. will increase to 55, but the number of farm tractors will decrease.

Community

FARM-CITY WEEK—The observance of National Farm-City Week will be held for the eighteenth consecutive year on November 17-23. The theme for this year is "Quality of Life—Our Mutual Responsibility." The National Farm-City Council, dedicated to better rural and urban understanding, is encouraging wise ecological practices. Be on the lookout for Farm-City Week events in your area.



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A sailing buff since 1966, Sam enters the annual Newport Beach to Ensenada, Mexico, race each May. Several hundred boats normally compete in the 100-mile race, and it takes around 26 hours to cross the finish line.

A member of numerous professional and honorary societies, we think Sam Romano typifies the dynamic personality which helps make GM run—and helps America get where it's going.

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Spurred Into Action!

By Ron Miller

Photo by Author

So much so members spend every free moment practicing for events like the rider pickup.

"CHAPTER horse shows have motivated our members and increased the enthusiasm of our chapter," replies Advisor J. B. Yowell of the Madison, Virginia, FFA.

Neil Jones, the chapter's past president echoes these thoughts. "The horse shows have stirred the interest of members who do not have production agriculture enterprises. At the same time the farm member sees the horse from a feeding and care viewpoint, the urban youth appreciates the fun of horses."

The Madison FFA Chapter sponsors shows with the Light Horse and Pony Club, and the Madison Young Farmers co-sponsor a show with the Madison JC's. Most of the shows are open to 4-H as well as FFA members from Culpeper, Orange, Rappahannock, and Madison Counties. Some are held as open shows.

Each year five horse shows are held on the 42-acre chapter farm. Shows include both hunter and western divisions.

A hunter show at the Madison FFA ring includes 11 classes with championships in the small pony, large pony, and horse categories. The division features walking, trotting, cantoring, hand gallop, plus a variety of jumping events.

The western show consists of 17 events —including halter and pleasure classes, pole bending, flag racing, rider pick-up, pony express, and boot race events. Championships are awarded in western pony, pleasure horse, and time events.

"Because of the horse shows more members have purchased horses for renting out and their own pleasure," says Advisor Yowell, "Jimmy Graves, a Young Farmer and former member, has about 25 horses. Besides selling them, he rents them out on weekends to visitors at a nearby lodge."

Warren Morgan, an active western horseman, has been showing horses for the past four years. "Joe, a Quarterhorse and Thoroughbred cross is my main show horse, but Thunderbird, a Quarterhorse and Appaloosa cross, has also done very good," explains Warren. "Together Joe and Thunderbird have won five trophies and six championship ribbons." Warren owns another Quarterhorse and Thoroughbred cross, a full-blooded Quarterhorse, a Pinto, and an American Saddle horse. He was co-chairman of a show this past spring.

Another winner of several ribbons in the western timed events is Gregory Hoffman. He rides a Thoroughbred and a Quarterhorse in the shows and owns a 2-year-old Quarterhorse colt. All are part of Greg's FFA program.

A freshman member Guy Webster owns a Quarterhorse and assists his mother with 12 to 16 Thoroughbreds. The Websters raise the horses as show hunters and sell them at 3 or 4 years of age. After breaking the horses to ride, the Thoroughbreds are schooled by professional trainers.

Altogether about 20 of the chapter's 88 members own horses and almost every spare moment of their time is spent practicing at the show ring. Many of the FFA members also belong to the Madison County Horse and Pony Club.

Using the horse ring throughout the year, FFA members mow the ring and surrounding spectator area prior to each event. They cut fresh greens from the farm's wooded areas to decorate the jumps used in the hunter events and spread sawdust where necessary.

At each event Madison Young Farmers, numbering about 35, collect the entrance fee and handle parking. Meanwhile, FFA members set up the rings, jumps, rails, and barrels. FFA'ers also handle gate receipts and clean up the grounds after each show.

But before the chapter could use the farm for holding horse shows, members down through the years made several changes to the farm which was purchased in 1957. To pay for it they put the farm in soil bank and grew crops.

The barn, now used for the horse shows, was built by the Young Farmers for the chapter's dairy and beef show. To supply water for the cattle, FFA members and Young Farmers dug and set pipes from the athletic field to the barn. The Madison FFA Calf Show is presently for beef animals only and is open to FFA and 4-H youth within the county. The 20 x 30-foot barn also shelters the chapter's registered Angus bull when he is not ranging with a member's cattle.

Some years back the chapter planted loblolly pines on 10 acres of the farm. They have since harvested and replanted two acres of the original planting. Besides being a source of greens, the loblolly acreage and native spruce areas are used for class instruction in forestry.

About seven years ago, a few Madison FFA members, along with Light Horse and Pony Club members, built the horse showring utilizing wooden posts. The horse shows have been an activity for the Madison FFA ever since.

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Retail

Photos by Author

Joe is already the manager and owner of a farrow to finish hog operation that markets 1,400 hogs.

JOE Fabian has spent almost half of his lifetime working with hogs—and he's only 19. The young Coopersville, Michigan, hog farmer started out in business for himself at the age of 12 with "a few borrowed sows and an old piece of building."

Today, he farrows and finishes 1,400 head of hogs annually in a modern, total confinement building. Quite an accomplishment for any young man, but then Joe Fabian is not just any young man.

In addition to managing his hog operation, in which over half of the finished hogs go directly to the retail market through his father's packing house, Joe served as state FFA president for Michigan, a job that took him over 50,000 miles this past year.

Eventually, Joe hopes to market 100 percent of his hogs on the retail market through his father's plant. "We're aiming to market around 2,000 head of home-grown hogs a year. We feel we're delivering a superior product to the customer because our pork is high in quality and it's fresh. The meat most people buy has been handled so many times by the time it gets to the supermarket, it's 14 days old."

Joe thinks that retailing operations like this will be the coming thing in the future. "This way, we get a good price for our hogs and the customer gets a high quality product."

"I was gone 220 days during my term as a state officer," Joe says. "That meant I had to manage my hog operation by long distance. I was able to do it only because I have workable, long and short range plans, and because my entire operation is designed to function with a minimum of work."

Joe arrived at his present operation after many years of careful study. Three years ago, he was finishing out only about 200 hogs annually. "At that time, I knew I wanted to expand my operation, and I made up my mind to do it right. I decided to put up an entire feeding system at one time. I needed a facility to meet my present needs and one I could work with to meet future demands."

Joe had been feeding both his sows and finished hogs a dry corn ration for six years. "But I had experienced some nutritional deficiencies with the dry corn, and I wanted a way to eliminate the drying, storage, and grinding bills I paid every year," he says.

Joe's solution to these problems came in the form of a high moisture corn sealed storage unit, a 2040 Harvestore. "I was at the point where I either was going to put up some dry bin storage on my farm and purchase a dryer, or I was going to a high moisture system."

After feeding the high moisture corn to his sows and finished hogs for over a year, the young hog feeder is convinced of its worth in his feeding program. "Quality wise, high moisture corn is superior to dry corn," he says. "It's hard to get the corn dried down in the field, and that means you've got to dry it artificially. Anytime you take corn that's 25 percent moisture and take it down to 15 percent in half an hour, you know something is going out of that corn. I'm sure I have a much

Pork From Wet Corn

This hog producer solved his feeding problems by switching to high moisture corn. ***By Craig Ligibel***

Joe, who feeds his sows high moisture corn, too, reports his litter average as 9.5 pigs and climbing.

more palatable feed with high moisture corn than with dried corn.

"When we fed dry corn, there was a lot of waste on the floor. The hogs just wouldn't clean it up. With the high moisture corn, there's hardly any waste at all."

Joe relates that one batch of hogs he fed out, which came into the finishing house at 40 pounds, gained an average of 2.1 pounds per day, consuming 9 bushels of high moisture corn and 85 pounds of supplement. "They were really good looking hogs on the rail," he says. "Just the right amount of backfat. We got 60 cents a pound from them when we sold them on the retail market."

Joe reports his sow herd thrives on high moisture corn. "We give the sows about six pounds of high moisture corn a day, and you couldn't ask for better litters. We've got around a 9.5 litter average, with quite a few sows producing 15 pigs per litter."

The young Coopersville pork producer gives a lot of credit for his successes to the FFA organization. He's been active in FFA since he was a freshman in high school. "Perhaps the greatest thing FFA did for me was to open my eyes to the many different fields that are open to young people in agriculture and to help me formulate my own long term goals," he remarks.

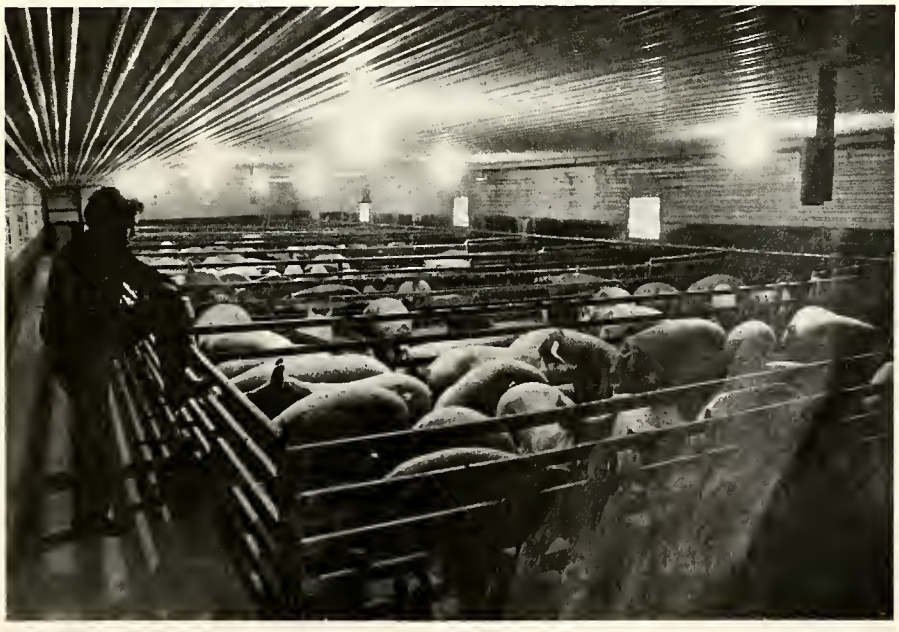
"The value of a program like FFA is that it makes you get totally involved, and in so doing, it prods you into action where you otherwise would be complacent. The leadership training that is open to FFA members is tremendous because it forces you to think—and that's the best avenue to success there is."

Joe is optimistic about the future of the family farm. He recognizes the trend toward large corporate farms, but believes the critical shortage of qualified help is one problem the large operations have to overcome if they are to survive.

"The greatest advantage the large, corporate farms have over the family farm is their almost unlimited financial resources. What the family farm has to do is accept the concept of perpetual debt, where the one family actually takes several generations to entirely repay what it has borrowed to expand," says Joe. "As long as I can make money by borrowing money, I'm not afraid of debt at all."

Ask Joe what his goals for the future include, and he'll tell you frankly, "In ten years, I want to be worth a million dollars." And after talking with this remarkable young farmer for any length of time, you'll come away convinced that if anyone 19 years old has the ability to attain that goal, Joe Fabian certainly is a prime candidate for a successful bid.

Starting in the hog business seven years ago "with a little piece of a building," Joe now has a totally confined feeding operation with modern equipment.



Beef on Pasture Year-Round

That's what Phil, one of the owners of K-Bar-K, Inc., says they are working towards in their cattle business.

Phil, who received this saddle as a graduation present from his family, prepares to ride out to his many grazing lands to check on his cattle and grass supply.

PHILIP Kuharske says, "Beef production and management in vocational agriculture really got me going in the cattle business." He began FFA with one steer and later fed out feeder calves.

Then just under three years ago, Phil and his two brothers and two sisters pooled their money for a down payment on 120 acres and 20 head of registered Beefmaster cattle. They borrowed the rest of the money from the local bank in Groveland and formed a corporation called the K-Bar-K, Inc.

Phil, winner of the Florida Star Farmer honor, is vice president and co-manager of the operation. Mac, a former FFA member and the oldest, serves as president and co-manager while Jeff, a Greenhand, is assistant secretary-treasurer. Susan and Becky, both older than Phil, act as secretary and treasurer of the set up, respectively. As Phil summarizes it, "We do all of the management and labor while the girls work on the books, bank accounts, and advertisements."

Since the initial purchase, the K-Bar-K owners have acquired more purebred Beefmasters, 64 crossbred cows, 18 Angus-Holstein cows, and raised the remainder of the herd. In total they now have 360 head—175 cows, 160 heifers and calves, 15 steers, and 8 bulls.

Speaking about their 90 head of registered Beefmasters Phil says, "I like the docile temperament of these cattle and their fast growth rate." Currently operating as a cow-calf set up, the Kuharskes plan to start feeding out their calves and incorporating a performance testing program. Phil, a member of Beefmaster Breeder Universal, explains, "We keep our Beefmasters separate because we hope to enlarge breeder sales and run the rest of the herd as commercial cattle."

Working toward a 12-month pasture program, the five Kuharskes hold a lease on 200 acres of their father's land. They range the cattle on two 80-acre pastures and six other grazing lands, ranging from 10 to 40 acres. They grow mostly bahia grass and coastal bermuda, but raise 25 acres of white clover as winter grazer. The Kuharskes are also trying an experimental 15-acre plot of Hermarthia Alissima grass. Phil says they plan to lease and clear another 80 acres of woodland within the year, which will bring the total to 400 acres of pastureland.

Every four to five months the cattle are rotated onto fresh pasture. The grazed pastures are dragged to spread the manure, and the old plant growth is cut down. Mac points out that the pastures are renovated, fertilized, and resown every five years. The cattle are currently fed hay in the winter.

Phil uses a swamp or marsh buggy to drag the pastures, feed cattle, check the herd, and for hunting deer. He built it by shortening a truck frame and finished the job by adding tractor tires on the rear, rebuilding the engine, and installing a two-way radio. Phil learned much about mechanics from a diesel and engine overhaul school.

To facilitate the branding, rotating of pastures, and emergencies Phil and Mac built lanes and holding pens. They further set up squeeze chutes to minimize labor and to reduce cattle injury.

For use especially during branding season they keep 12 head of horses, all of which are full blooded or crossbred Quarterhorses. The Kuharskes place the K5 holding brand on each calf's right front shoulder and the date brand on the right back hip. Simultaneously, the calf is vaccinated for black leg and castrated.

Phil also assists in managing 150 acres of citrus groves, consisting mainly of oranges. He repays his father for the use of machinery, tractors, and pickup by working for him. He helps with the bull-

(Continued on Page 12)

Mr. Kuharske, left, listens as Jeff, Phil, and Mac discuss their upcoming plans for the corporation's registered Beefmaster herd which grazes in the background.

Photos by Ron Miller

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None is exactly low-priced *per ton.* But each can mean low total feed cost in producing beef—and that's what really counts.

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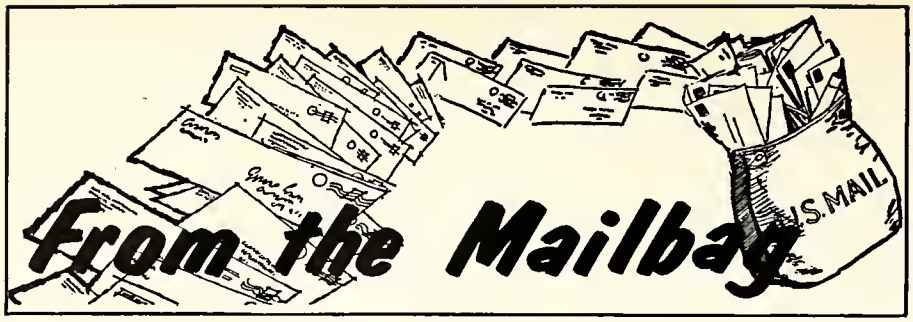
"Steak from the Start" Feeding—it's just one more of the practical research-proven feeding ideas that MoorMan Men bring direct to farmers, ranchers and feeders.

MoorMan's

Moorman Mfg. Co., Quincy, Illinois



Here are some letters sent in by FFA members while in other countries of the world participating in Work Experience Abroad programs.—Ed.

Whangarei, New Zealand

I have thoroughly enjoyed my stay here in New Zealand so far.

My first week in New Zealand was spent in Rotorua attending the Young Farmers Club Conference.

I am stationed on a dairy farm and for the first time I enjoy milking cows. The fact which I find interesting is that New Zealand dairy farmers dry up their cows for the winter months and milk only in the early spring, summer, and fall. So presently we are milking 20 cows.

Before long we will be milking about 140-150 cows. The farm which I am on is not the most modern for New Zealand but is quite sufficient. Besides the routine milking we have been pouring concrete, hauling stones, and doing other jobs.

Putting the weather in a nutshell, it is cold and rainy. But this is the middle of winter also. The first thing I bought when I got to New Zealand was a raincoat.

The country is beautiful. Flying over New Zealand is something you will never forget. It is green and mountainous both winter and summer. Grazing is done all winter. A land of beauty all of its own.

I have learned a lot of new words, terms, and definitions. I have acquired many new ideas and am also learning to eat many new foods. But it is all fun. I am very pleased with my host family, Hutchinsons, and all is well. They have taken me sightseeing and are good to me in work and in fun. Though life is quite different it is all exciting.

Lyle Thiessen
Peabody, Kansas

Rosbach, West Germany

First of all I want you to know that I'm having a great time working harder than I've ever worked in my life.

In the six weeks that I've been at Hof Beinharts I've really learned a lot. It was quite a drastic change from beef and swine to dairy and eggs, but I'm well adapted now. I'm milking the 75 Holsteins by six every morning and sometimes running the 7 milkers alone.

Also, I run all the controls to feed 3,000 laying hens and haul manure. Herr Ress has 20 acres of sugar beets and I have covered all of it with tractor and hacker once and helped cover it a couple more times with a hoe. At 4:40 p.m. every night I again milk.

Last week I received a letter that I was selected to attend an International Agriculture Seminar sponsored by the German government to learn about the agricultural problems, education, and upcoming supply of youth interested in the agriculture of Deutschland.

One of my highlights was two weeks ago when we had a two-year-old heifer that couldn't calf. The veterinarian couldn't locate his assistant and Herr Ress knew I was interested, so I was asked to help with the cesarean.

I really enjoy working with the different people, like Herr Ress who used to be an officer in Hitler's army and can give orders like no one else can to the ten hired helpers and his four kids. Every Thursday and Friday I help deliver 5,000 eggs and now have been in 250-300 German homes. It's really interesting and I'm meeting a lot of great people.

Debbie Nelson
Canton, Minnesota

Freindorferstrasse, Austria

Everything is going well with my new family. No complaints. The men from the asphalt company finished pouring asphalt last week and it looks real good around here now. I suppose I'll have enough work just trying to keep it all swept up.

It has rained steadily here for the past four days. If any more rain, we'll get to see if his sheep and four new pigs know how to swim. A lot of water is from the nearby mountains. When it drys up we'll shear a few head of sheep. Also a few acres of wheat to combine and bale.

John Diedrick
Sycamore, Illinois

Apply for a Scholarship

Army ROTC is inviting qualified high school seniors to apply now for one of the 1,000 scholarships. The scholarships may be used at more than 290 colleges and universities across the country in the school year beginning September, 1973.

The scholarships cover the full cost of tuition, textbooks, lab fees, plus other purely educational expenses and an initial mileage allowance of $100 a month for up to 10 months of the school year. That adds up to a total of about $4,000 for the four-year scholarship period. After you graduate from college, you will serve four years as an Army officer.

The application period for the scholarships started September 1 and ends December 31 of this year. To apply for a four-year full tuition Army ROTC scholarship write Army ROTC-PA, Fort Monroe, Virginia 23351.

Beef on Pasture Year-Round

(Continued from Page 10)

dozing of citrus and pastureland, plus spraying, cultivating and irrigating.

In addition, Phil does foliar feeding of the citrus trees and entomology checks. During harvesting season he works as a fruit checker, counting the boxes and making sure each box contains 1-4/5 bushels. All totaled he helps with 700 acres of oranges, tangelos, and grapefruit. Phil further assists with building fire lanes and water control for 1,500 acres of pulp and saw timber.

Looking back Phil remembers, "FFA directed me toward what I wanted to do in life. With Mr. Garner's help I learned how to get along with other people. I found I really love working with cows and horses and that I wanted to work for myself on the farm.

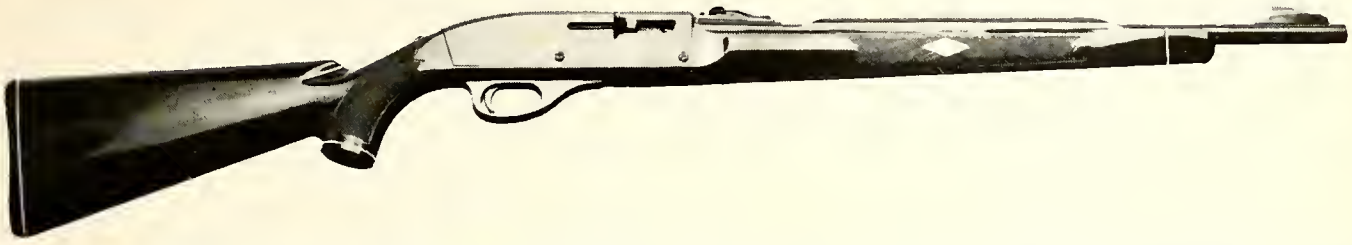
"Judging has had a major influence on me because it required hard study, and I really enjoyed the competition," says Phil. He participated in many livestock judging contests and competed in citrus judging as a member of the state winning Groveland team.

Besides the FFA achievements already mentioned, Phil won a state beef breeding award and holds the state Star Farmer degree. He engages in the chapter feed buying cooperative and their steer selling and buying co-op. He served as chapter sentinel, won the DeKalb award, and placed second in the district tractor driving contest. Phil is president of his church youth group.

The young cattleman is a member of the Florida Cattlemen's Asssociation, Farm Bureau, and the Lake County Cattlemen's Association. He belongs to the South Lake County Horsemen's Association where he is presently on the committee for leasing land and building a corral. In the future Phil will be taking courses in cattle production from the University of Florida.

Phil and Advisor Garner occasionally review the cattleman's farm records.

Nylon 66. The gun with nine lives. And then some.



It's said that cats have nine lives, because of their remarkable ability to survive catastrophe. Our Nylon 66 automatic rifle has that same ability. And it has at least six more lives, to boot. Here's the story:

At our Research Center in Ilion, New York, Remington engineers fired *75,000 rounds* from a single Nylon 66 22 caliber, automatic rim fire rifle. At the end of the test, there had been no malfunctions and the gun remained in good firing condition. Now, if you figure that the average number of rounds fired in a gun in a lifetime is approximately 5,000 rounds—and that's on the high side—then that Nylon 66 had been fired for the equivalent of *fifteen lifetimes.*

Remington engineer test firing the Nylon 66.

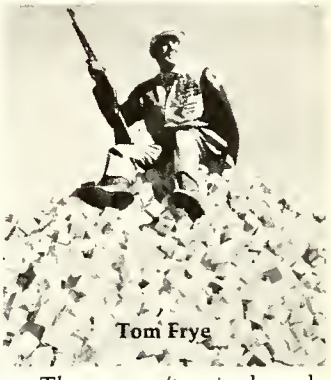
Actually though, one lifetime of exceptionally reliable use is enough for most of us. And that's the very least you'll get from the Nylon 66. We designed it to take an incredible amount of abuse. It performs beautifully in any weather. And it's as free of malfunction as a gun can be.

We know of one story, for example, where a Nylon 66 was burned in a fire. After the soot and dust were cleaned from it, the gun was fired. It worked. And that's not surprising, because in tests we've shot the Nylon 66 at a scorching 250° F. We've frozen it and fired it at minus 40° F. We've soaked it in water. Covered it with dust. Buried it in mud. And each time, our Nylon 66 came out shooting. If you can find a better 22 than that, buy it.

What gives this gun its remarkable durability? It's the exclusive Remington design incorporating a super-tough structural nylon—Du Pont ZYTEL®—as the material for the fore-end and stock. ZYTEL is so tough, in fact, that it's used to make everything from high-stress machinery gears to horseshoes. In the Nylon 66, it makes a stock that will not warp, crack, chip, peel or fade for the life of the gun.

So you have an extremely rugged rifle that doesn't need babying. It can bounce around the back of a truck, lie in a dusty closet for months, slosh around in the bottom of a canoe or even sit outside your igloo day after day. And every time, when you're ready to use it, it's ready to fire.

And when you fire your Nylon 66, you'll find it an exceptionally accurate gun. The same barrel-bedding principle used on the world's most expensive target rifles is used on the Nylon 66. The action never needs lubrication, either, because the metal parts glide on "greaseless bearings" of nylon that resist dust, dirt and grit, a cause of malfunctions in other automatics.



Tom Frye

Did you ever hear of Tom Frye? He is a Remington Field Representative, and when the gun was first introduced in 1959, he wanted to demonstrate its amazing performance and accuracy. So using two Nylon 66's in relays (and Peters 22 long rifle cartridges), he had assistants toss 2¾" wooden blocks as targets. *Out of 100,010 targets tossed, Tom hit all but six*—a record which stands to this day. There wasn't a single malfunction, and the guns finished in great shape.

We think the Nylon 66 is the most rugged rifle you can buy. And for the money, one of the most accurate. It's available with either a brown stock and blued receiver (Mohawk Brown model—$59.95*), or a black stock with a chrome-plated receiver and barrel (Apache Black model—$64.95*). Both are tube-fed and have a capacity of fourteen 22 caliber long rifle cartridges.

And while you're at it, get yourself a supply of Remington or Peters high velocity 22s with "golden" bullets. They're coated with a special hard, dry lubricant that won't pick up dirt or lint to carry into the mechanism of the rifle. And they have "Kleanbore" priming so they won't leave residue to corrode the barrel. (This ammunition is designed and tested to work efficiently with the Nylon 66. So it makes sense that you should use it.)

Remington Reports are based on facts documented by the specialists who design and make our products. For more information, write for a copy of our latest catalog: Remington Arms Company, Inc., Dept. 635, Bridgeport, Conn. 06602.

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Support National Hunting and Fishing Day, September 23.

*Suggested minimum price, subject to change without notice.

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Education_____

Goin' to Kansas City

MORE than 11,000 FFA members will be "Goin' to Kansas City," Missouri, for the National FFA Convention. The forty-fifth annual event will be held October 11-13 in the Municipal Auditorium. The Convention will initiate the 1973 FFA WEEK theme "Unites Youth With Opportunities."

The 1972 Convention will open Wednesday morning following the traditional Tuesday evening Vespers Service conducted by the National FFA Officers and National FFA Chorus. The chorus and the National FFA Band, who will present a concert and lead the American Royal Parade, will entertain throughout the sessions.

A highlight of the Convention will be the bestowing of the American Farmer degree—the highest in the FFA—on 471 FFA members. The Star Farmer and Star Agribusinessman, chosen from this group, will be honored later in the "Stars Over America" pageant. A special slide program will recognize the winners of the FFA Proficiency awards.

Several national FFA contests will be held concurrently with the National Convention. Awards will be presented in Dairy Products, Poultry, Meat, Livestock, and Dairy Cattle judging, plus the new Agricultural Mechanics contest. In addition, the National Public Speaking Contest will be the main feature of a session.

Led by the National Officers, 114 delegates from 49 states and Puerto Rico will conduct the business of the National FFA Organization. Interspersed between business sessions will be the presentation of awards to FFA members and chapters. Some of those to be honored are listed here and on the following three pages.

Adults will also be recognized with the awarding of 5 VIP Citations, 2 Distinguished Service Citations, and 28 Distinguished Service awards. Honorary American Farmer degrees will be given to 135 persons—including 67 vocational agriculture teachers.

Exhibits on display in the Agricultural Career Show, the coronation of the American Royal Queen, and the FFA Talent Show round out the program.

Registration

Registration will be conducted in the lower Exhibition Hall of the Municipal Auditorium. FFA members, advisors, and guests can register after 8:00 a.m. on Tuesday, October 10.

A $3 registration fee will be charged at the National FFA Convention. The fee will be required of active or collegiate FFA members, advisors, state staff, and national staff.

FFA members will register as chapter or state groups. Prior to coming to the Convention, each chapter must get an official registration card from their state office. The completed card must be signed by the member attending, his advisor, and principal or superintendent.

Agricultural Proficiency

Four FFA members have been named as Regional winners in each of the 15 National Agricultural Proficiency areas. One of the four listed in each area will be selected as the national winner.

Regional winners will receive a cash award of $200 from the National FFA Foundation, Inc. They also share in a travel fund of $350 for attending the National Convention. A panel of judges, will choose the national winner in each area. Each winner will receive an additional $50 for his effort in that particular phase of agriculture.

Regional Winners

Agricultural Electrification: Thomas Kerbs, Jr., Eaton, Colorado; Robert Klein, New Bremen, Ohio; William Lovelace, Custer, Oklahoma; James Baker, Mathias, West Virginia. (Sponsored by Electric Energy Association in cooperation with the National FFA Foundation, Inc.)

Agricultural Mechanics: Ronald Metzger, Columbia City, Indiana; Roy Haines, Stone at Wiggins, Mississippi; Joseph Neumann, Afton Aggies at Afton, New York; Darrold Hutchinson, Burns, Wyoming. (Sponsored by International Harvester Company in cooperation with the National FFA Foundation, Inc.)

Crop Production: Gregory Smith, Presque Isle, Maine; Jentry Bond, Stone at Wiggins, Mississippi; Gregory Blosser, Olentangy at Delaware, Ohio; Mark Andrewjeski, Pasco, Washington. (Sponsored by Producer's of Funk's G-Hybrids in cooperation with the National FFA Foundation, Inc.)

Dairy Production: Royce Thornton, Kuna, Idaho; Thomas Morlock, Buckeye at Medina, Ohio; Robert Campbell, Grassland at New Holland, Pennsylvania; Randy Lintz, South Greene at Greeneville, Tennessee. (Sponsored by Celanese Chemical Company in cooperation with the National FFA Foundation, Inc.)

Fish and Wildlife Management: George Quinn, Chillicothe, Missouri; Robert Knepp, Clearfield, Pennsylvania; Donald Hill, Dayton, Tennessee; Rex Johnson, Wheatland, Wyoming.

Forest Management: Dalton Eason, Jr., Fayette, Alabama; Ronnie Golden, Flintstone, Maryland; William Broeders, Felch at Iron Mountain, Michigan; Mike Zach, Silverton, Oregon.

Home Improvement: James Nayes, Jamestown, North Dakota; Robert Eaton, Jr., Big Sandy, Tennessee; Patrick Walen, Bethel at Spanaway, Washington; Dolan Black, Harman, West Virginia.

Livestock Production: Raymond Hagemann, Santa Rosa, California; Jerry Moore, Osage, Iowa; Curtis Jeffreys, Jr., Elgin, Oklahoma; Sam Warren, Greenbrier East at Lewisburg, West Virginia.

(Continued on Page 20)

STAR Farmer of the Central Region Bruce Hemmingsen manages a 125-head milking herd and a twice-a-year hog farrowing set up in partnership with his father. They maintain the enterprises with some 500 acres of crops adjacent to Akron, Iowa.

Starting with one heifer at age ten, Bruce increased his herd to 26 head by the time he joined FFA under Advisor John Ziniel. Before entering into the partnership he had built his numbers to 60 head. Today, Bruce and his father handle a total of 155 dairy cattle, maintain a sow herd of 25, and annually finish 500 market hogs on their 650-acre farm.

"Farming is a challenge," declares Bruce. "The more you put into it, the more you get out." At Bruce's urging the dairy facilities now include an automatic feeding system, free stall housing, a liquid manure storage system, and a pipeline milking parlor. The sows are farrowed in a modern, rebuilt barn, and the market pigs are fed out in an improved finishing unit. Bruce's crop program features irrigation of alfalfa and minimum tillage of corn.

Bruce, a Star Greenhand and chapter Star Farmer, held the chapter offices of treasurer, secretary, and president. He has since won district and state Dairy Proficiency awards, district Star Farmer recognition, and the Iowa Star Farmer honor. In high school Bruce was in chorus, band and glee club.

The expanding dairyman has attended an artificial insemination school in Wisconsin, and he is a member of a breeders cooperative. He belongs to the Holstein breed association and is active on the adult farmer advisory committee. Bruce, a member of his church men's club, is married, and he and his wife Marilyn have a one-year-old son, Troy.

Bruce Hemmingsen uses his records.

The Star Farmer of America, to be named at the National FFA Convention, will be???

FARMERS

THE Star Farmer of the North Atlantic Region David Galley, of Garrattsville, New York, owns and operates a 94-acre dairy farm. He rents an additional 126 acres from a nearby farmer to sustain his 60-cow Holstein herd.

David purchased his first dairy calf and increased his cattle numbers on his father's farm, repaying him with milk income and labor. As a junior in vocational agriculture Dave began renting a nearby 65-acre farm for his 16-cow herd. Then he rented a 210-acre farm while enlarging his herd to 50 head.

Next he took a yearly lease, with an option to buy, on a 176-acre farm located by Bainbridge. But in less than a year as Dave points out, "I made one of the biggest decisions of my life." Now married, he and his wife Alexa sold their 50 cows at auction, and using sale receipts and financing, they purchased their present farm. The purchase included the acquisition of the farm's high producing 17,000-pound dairy herd.

In the Walton FFA Chapter directed by Advisors Renwick Russell and John Elderkin, Dave performed the duties of reporter, secretary, and president. He later advanced to vice president of the New York Association. The progressive dairyman earned Star Greenhand, chapter Star Farmer recognition, and the district Star Farmer award. He was selected as state Star Dairy Farmer and received the North Atlantic Dairy Farming Proficiency award.

During high school Dave played on the Walton Central varsity football and track teams. He led his church youth group as president, and he is a charter member of the Northeast Dairy Federation. David is a member of the National Rifle Association and is president of his young dairymen's organization.

ACCOMPLISHMENT is a tradition with Billy Joe Holland, Star Farmer of the Southern Region. Billy Joe, born into a share cropper family, manages a crop and beef operation near Plantersville, Mississippi. He, like his father who was named as one of four Outstanding Young Farmers of America, is developing a sizeable setup.

"I realized the joy that comes from land ownership and farming," remembers Billy, referring to the first land purchased by the Holland family. Knowing "without a doubt that farming was the only life" for him, the FFA member entered into a partnership with his father upon enrolling in vocational agriculture taught by Instructor William Butler.

Using credit extensively, Billy increased his inventory to full ownership of 100 Angus cattle and 50 percent control in another 175 head. In total the Mississippi beef farmer operates over 1,100 acres, managing 525 acres of soybeans and owning 50 percent in another 200 acres of hay, sorghum silage, and wheat. This year he took option to purchase another 388 acres to expand his soybean and beef production.

During high school Billy officiated as president of his senior class and the Hi-Y. He further served as president and vice president of his Sunday school class. Billy Joe and his wife Kay have an infant daughter named Deanna Kay.

In the Nettleton FFA Chapter, Billy served two terms as sentinel and one as president. He also held the office of secretary in the Mississippi Association. After receiving state awards in Livestock and Crop Production Proficiency, Billy went on to earn the State Farmer honor. Since graduation the FFA member has completed a farm management course at a vocational school.

ROBERT Nash, Pacific Regional Star Farmer, owns and milks a 60-cow herd on just 50 acres of rented land outside Auburn, Washington. Bob, whose father is a truck driver, obtained his present position by working as a milker for a commercial dairy.

Bob grew up on a 5-acre farm but spent summers and weekends on his grandparents' and uncles' dairy farms. At about ten years of age he received a calf in payment from his uncle and began raising dairy heifers. As a young FFA member he also raised beef steers, turkeys, and chickens, plus working as a farmhand and relief milker for neighbors.

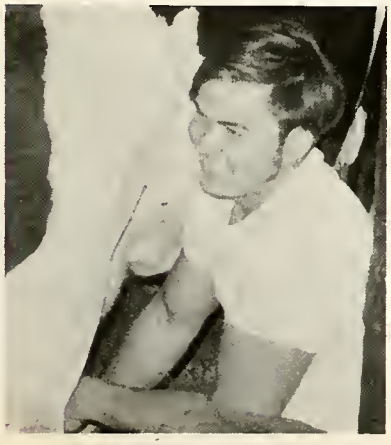
Then as Bob recalls, "I applied for a job as a milker at a large dairy near home and got it." For two years he worked ten hours a night on the milking crew and did the morning feeding of his cattle on the 13-acre place he was renting. Hiring his mother and younger brother to handle the rest of the chores, Bob used his days off to install a bulk tank and remodel the buildings.

Last fall when his herd reached its present size of 90 head, the determined dairyman quit his milking job and went into full-time farming. As a new shipper of Grade A milk he increased his milk quota to 2,000 pounds per day through an appeal and by buying quotas.

As a member of the Kent-Meridian FFA Chapter guided by Nils Ladderud, Bob served as vice president and president. He participated in dairy and livestock judging on winning district teams besides winning three dairy championships in the showring.

In high school Robert was a student council member. He is active in a local cooperative, and the Holstein Friesian Association, and Northwest Dairymen's Association.

David Galley owns a 60-cow herd.



Billy Joe Holland crops 750 acres.

Robert Nash ships quality milk.

Goin' to Kansas City

(Continued from Page18)

Ornamental Horticulture: John Borden, Gardendale, Alabama; Francis Edwards, Ohio Valley at New Albany, Indiana; Robert Koeppel, Bergen County at Hackensack, N. J.; Roy Hansen, Canby, Oregon.

Outdoor Recreation: Jerry Tolka, Patoka, Illinois; Randy Garner, West Montgomery at Mount Gilead, North Carolina; Ray Underwood, Toledo, Washington; Timothy Taylor, Valley at Masontown, W. Va.

Placement in Agricultural Production: James Odell, Town Creek, Alabama; Donald Pollard, Housatonic Valley at Fall Village, Connecticut; Michael Gangwer, Hood River Valley at Hood River, Oregon; Hughie Mommsen, Rice Lake, Wisconsin.

Placement in Processing: Jerry Whatley, Cullman, Alabama; David Patke, Washington, Missouri; Robert Hibbard, Colebrook, New Hampshire; Michael Jeli, Molalla, Oregon.

Placement in Sales and/or Service: Wade Christensen, Thomas, Oklahoma; Gary Stauffer, Grassland at New Holland, Pennsylvania; Jack Pellham, Snohomish, Washington; Alan Lippart, Jefferson Wis.

Poultry Production: Randy Gillespie, Speake at Moulton, Alabama; Stanley Gingerich, Weld Central at Keenesburg, Colorado; Ricky Thompson, South Hamilton at Jewell, Iowa; Harvey Dinerman, Scituate at North Scituate, Rhode Island.

Soil, Water, and Air Management: Dean Anderson, Eaton, Colorado; Paul Andre, Wauseon, Ohio; H. Goodwin, Jr., Tahlequah, Oklahoma; Melvin Gooch, Mannington, West Virginia.

National Chapters

Gold Emblem awards will be presented to 111 chapters for superior work in vocational agriculture and FFA activities. Silver Emblems will be awarded to 71 chapters, and 48 chapters will receive the Bronze Emblem.

National Gold Emblem Chapters

Alabama—Crossville; Section. Arkansas—Conway; Mansfield. Colorado—Eaton; Ft. Collins. Florida—Bartow; Santa Fe Sr. at Alachua; South Sumter at Bushnell; Zephyrhills. Georgia—Berrien at Nashville; Early County at Blakely; Effingham County at Springfield; Moultrie; Patterson; Perry; Winder-Barrow at Winder. Idaho—Payette. Illinois—Belvidere; Bushnell-Prairie City at Bushnell; Maroa; Paxton; Southwestern at Piasa; Sycamore; Warren at Monmouth. Indiana—Brownstown Central at Brownstown; Clinton Central at Michigantown; Prairie Heights at LaGrange; Woodlan at Woodburn. Iowa—Audubon; Bloomfield; Buffalo Center Bison at Buffalo Center; Cresco; South Hamilton at Jewell; Waverly-Shell Rock at Waverly; West Central at Maynard. Kansas—Atchison County at Effingham; Hill City. Kentucky—Bullitt Central at Shepherdsville; Lowes. Louisiana—Hessmer; Saline; Slidell. Maine—Limestone. Maryland—Gaithersburg. Michigan—Cassopolis; Corunna. Minnesota—Ortonville Nature Builders at Ortonville. Mississippi—Morton; Pine Grove at Ripley. Missouri—Chillicothe; East Prairie. Montana—Flathead at Kalispell. Nebraska—Kimball; St. Edward. New Jersey—Allentown; Belvidere. New Mexico—Bloomfield. New York—Hamilton. North Carolina—North Iredell at Olin. Ohio—River View at Warsaw. Oklahoma—Ames; Elgin; Freedom; Glencoe; Holdenville; Medford; Morris; Muskogee; Ponca City; Tahlequah. Oregon—Silverton. Pennsylvania—Northern Lebanon at Fredericksburg. South Carolina—Greenville; Woodruff. Tennessee—Bradley Central at Cleveland; Dayton; Dyersburg; Horace Maynard at Maynardville; Meigs County at Decatur; Polk at Benton; Rogersville; Warren County at McMinnville. Texas—Agua Dulce; Cleburne; East Central; Cal Farleys Boys Ranch at Boys Ranch; Floydada; Hamlin; Hull-Daisetta at Daisetta; Katy; Lorena; Midway at Henrietta; Nacogdoches; Sulphur Springs; Van Vleck. Utah—Gunnison Valley at Gunnison; Millard Eagle at Fillmore. Virginia—Appomattox; Montevideo at Penn Laird; C. T. Smith at Ladysmith; Turner-Ashby at Dayton. Washington—Eatonville; Kelso. West Virginia—Ripley; Shady Spring. Wisconsin—Bloomer; Green Bay East at Green Bay; Monroe. Wyoming—Albin; Hillsdale-Burns at Burns.

Chapter Safety

Twenty-eight Gold Emblems will be given to chapters for their outstanding efforts in safety. In addition, 24 Silver Emblems and the same number of Bronze Emblems will be distributed to other noteworthy chapters.

National Safety Gold Emblems

Alabama—Jackson. Arizona—Mesa. Arkansas—Magnet Cove at Malvern. Colorado—Eaton. Florida—Santa Fe Sr. at Alachua; South Sumter at Bushnell. Georgia—Berrien at Nashville; Lanier County at Lakeland. Iowa—New Hampton. Louisiana—Saline. Maryland—Walkersville. Nebraska—St. Edward. Nevada—Ruby Mountain at Elko. New Jersey—North Hunterdon Regional at Annandale. New York—Salem. Ohio—Big Walnut at Sunbury. Oklahoma—Morris. Oregon—Silverton. Pennsylvania—Chestnut Ridge at Fishertown. South Carolina—Bowman. Tennessee—Greenback; Warren County at McMinnville. Texas—Midway at Henrietta. Virginia—Montevideo at Penn Laird; C. T. Smith at Ladysmith. Wisconsin—Monroe. Wyoming—Buffalo Bill at Cody; Frontier at Cheyenne.

BOAC Chapters

Gold Emblems will be presented to 38 chapters for their projects in improving rural communities through the Building Our American Communities program. Silver Emblems will be given to 29 chapters, and the Bronze award will go to 18.

Noted in the listing are the four Regional BOAC winners. One of these top chapters will receive the National BOAC Citation at the National Convention.

BOAC Gold Emblems

North Atlantic. Maryland—Gaithersburg. Vermont—Champlain Valley at Essex Junction. West Virginia—Ripley; Shady Spring (Regional BOAC Chapter).

Central. Illinois—Sycamore (Regional BOAC Chapter). Iowa—Winterset. Kansas—Fowler; Moundridge. Kentucky—Fulton at Hickman. Minnesota—Owatonna. Nebraska—Mead. Ohio—Big Walnut at Sunbury. Wisconsin—Bloomer.

Southern. Alabama—Boaz. Arkansas—Magnet Cove; Mansfield. Florida—Santa Fe at Alachua; South Sumter at Bushnell. Georgia—Berrien at Nashville (Regional BOAC Chapter); Pelham. Louisiana—Saline. Mississippi—Stone at Wiggins. North Carolina—East Montgomery. Oklahoma—Alex; Tahlequah. South Carolina—Florence; Greenville. Tennessee—Polk at Benton; Warren County at McMinnville. Texas—Lorena; Sharyland at Mission. Virginia—Appomattox.

Pacific. Colorado—Eaton; Weldon Valley at Weldona (Regional BOAC Chapter). Oregon—Silverton. Utah—Box Elder at Brigham City; Richfield. Wyoming—Buffalo Bill at Cody. (BOAC Sponsored by Lilly Endowment, Inc. in cooperation with the National FFA Foundation, Inc.)

STAR Agribusinessman of the Pacific Region Dan Hardison manages a custom harvesting business in the Buckeye, Arizona, community. In his business Dan concentrates on harvesting hay in the spring and summer and cotton in the fall and winter.

Dan got started in agriculture by earning just 25 cents an hour for weeding and irrigating on his father's small farm. Using this income he purchased several beef calves on his own and raised 7½ acres of cotton in a three-way partnership with his brothers. Throughout FFA he gradually bought more calves, a tractor, a pick-up truck, a cotton harvester, and leased cotton trailers.

Following the cotton picking season and graduation from high school Dan secured employment with another custom harvesting operator. "On this job I took advantage of every opportunity to learn about the custom harvesting business," says the skilled machinery operator. With this experience Dan added 3 tractors, 3 cotton harvesters, plus several cotton trailers to expand his business.

This past spring he balanced out his work year by purchasing a mower, two side-delivery rakes, and a twine baler to launch the hay harvesting enterprise. In addition, he cash rents 50 acres for raising eight cuttings of hay on some 20 acres, about 20 acres of barley, and a few feeder cattle. Dan bases his management decisions on commercially prepared computerized records.

With Advisor Homer Stewart's guidance, Dan served as chapter reporter and treasurer. He received the chapter Crop Farming Proficiency and Star Farmer awards. Dan, who was a student Rotarian, is married, and he and his wife Souixann have a year-old daughter, Carol.

Dan Hardison custom harvests crops.

Star Agribusinessman of America, also chosen at the National FFA Convention, will be???

AGRIBUSINESSMEN

TYSON Stephens, Southern Regional Star Agribusinessman, works as an assistant parts manager, salesman, and inventory clerk for a tractor company in Swainsboro, Georgia. Furthering his career interest, Tyson completed junior college in agricultural engineering at Abraham Baldwin Agriculture College in Tifton.

Tyson, once developing a hog enterprise in the FFA, sought outside employment during his junior year due to the illness of his father. With the help of Advisor W. A. Avery, the FFA member secured a position in the parts department of the Roberts-Cruce Tractor Company, a farm and industrial equipment firm.

"This fall I will major in the same field of study at the University of Georgia," explains Tyson. "Upon graduation from the university I plan to get into the farm equipment business." While earning money for college expenses Tyson also worked for a local milling firm in the buying, grading, and weighing of peanuts. His duties included the operation of loading and unloading equipment, scales, and test instruments.

In FFA Tyson won first place in public speaking at chapter, district, and state levels. He further earned several first places in land judging and received the Star Greenhand honor. Before being elected as president of the Georgia Association he served as chapter secretary and two years as president.

The Star Agribusinessman was president of the Key Club, vice president of his senior class, and a Beta Club member. He was an assistant radio announcer for the basketball team and a Sunday school superintendent. Tyson worked in the Governor Internship program in agricultural education and completed six months of military duty.

Tyson Stephens is a parts manager.

AMBITIOUS Edward Higley, North Atlantic Regional Star Agribusinessman, operates a logging business around Brattleboro, Vermont. His procedures include contracting the timber, preparing the land to stock pile logs, cutting roads, plus skidding, loading, and delivering logs to saw mills up to 150 miles away.

Developing a dairy program until his father sold the herd because of health reasons, Ed soon switched to harvesting logs from his father's woodlot. Investing his profits he purchased a semi-tractor and log trailer, a log loader, a skidder, and chain saws to handle more timber. Over the years the persevering lumberjack increased his forestry program to over 340,000 board feet of harvested logs last year.

"I attribute much of my success in business to the FFA and vo-ag for they taught me how to be a good business man," acclaims Ed, praising the program headed by Instructor William Dennen. At the outset of his FFA career Ed achieved the Star Greenhand award. Additionally, he won chapter Star Farmer, state Forestry Proficiency, and district Star Farmer honors.

After serving as sentinel, secretary, and president in both his chapter and FFA district, Ed led the Vermont Association as president. He served on the state advisory councils for vocational-technical and agricultural education.

Ed was a student council member in high school, and he worked on the student activities council in college. He has been nominated for Outstanding Teenager of America recognition. Edward, a Senior studying agribusiness at Vermont Technical College in Randolph Center, was an organizer of the collegiate FFA chapter at the school.

Edward Higley contracts stumpage.

ROOTING mums and planting gladiolus is the business of David Plummer, Star Agribusinessman of the Central Region. He started FFA with 6 acres of gladiolus on cash rented land, but today rents 15 acres on a 50-50 basis. Dave now grows approximately 300,000 gladiolus bulbs and over 13,000 mums per year. He, too, produces snapdragons, wedgewood, iris, and geraniums.

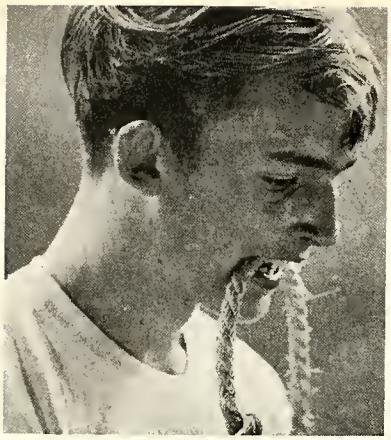
Also in business with his parents, Dave owns 25 percent of K & M Florist, Inc. in Carroll, Ohio. The flower business, which totals six greenhouses and a packing shed, requires Dave to supervise personnel, manage production, and help with packing, selling, and distributing.

"I decided to put my emphasis in management and sales," asserts David. "With new innovations, I've had more time to work on management problems." While assisting in the building of a greenhouse Dave completed the electrical wiring, installed a steam heating system, built a propagating mist system for root cuttings, and introduced the use of a seed incubator.

Dave received state awards in Horticulture Proficiency and Placement in Sales and Service before winning the National FFA Ornamental Horticulture Proficiency award. He has won Star Agribusiness honors at chapter, district, and state levels. Moreover, he has been recognized as a national production winner by the Junior Horticulture Association and showed the grand champion flower at the state fair.

The floriculturist is a member of the National Honor Society, a Sunday school teacher, and belongs to the Young Farmers of America. Majoring in horticulture at Ohio State University, David is active in the Horticulture Forum Club.

David Plummer grows ornamentals.



Ready. Go!

Whoa.

"Scramblers" On the Loose

FFA members at the PILE Scramble prove there's more than one way to catch a calf.

Oops!

EVERY November, five calf scrambles are held at the Pacific International Livestock Exposition (PILE) in Portland, Oregon. Between 50 and 60 FFA members from Washington, Idaho, and Oregon try to catch about twenty 350-500 pound calves in the "wild" event.

The exciting calf scramble is sponsored by the Uptown Kiwanis Club of Portland, and the Pacific International. The Kiwanis finds various sponsors to purchase the calves which are turned into the arena for what is literally a "scramble."

Upon paying a $3.00 deposit, contestants enter the arena with a numbered shirt and rope halter. They try to place the halter on the head of an animal in the usual manner, without using the halter as a lariat. After catching a calf an FFA member is allotted 15 minutes to lead the calf out of the arena or release the calf.

When an FFA member has hold of a calf, no other FFA'er is allowed to touch the calf until it breaks away or is released. When two participants catch the same calf simultaneously the calf is released by both of them. Any calf running loose with a halter on is free game for another FFA member. Judges in the ring determine who catches the calf first and clock the time for leading the calves out of the arena.

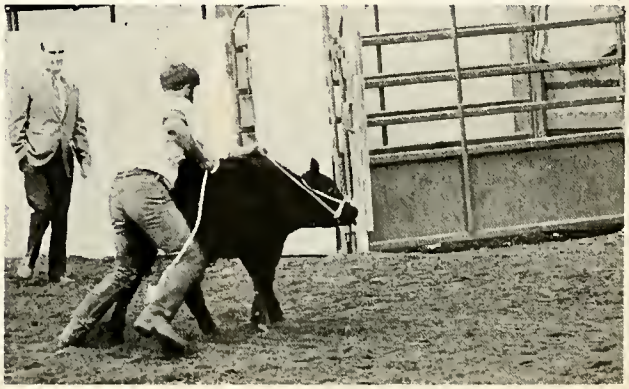
After catching a calf in the scramble an FFA member receives a clear bill of sale for the animal from the sponsor. During the following year successful FFA "scramblers" submit three progress reports to the sponsor of the calf. The second report generally includes a picture of the calf and the FFA member. The care of the animal, including dehorning and castrating, is paid for by the FFA member.

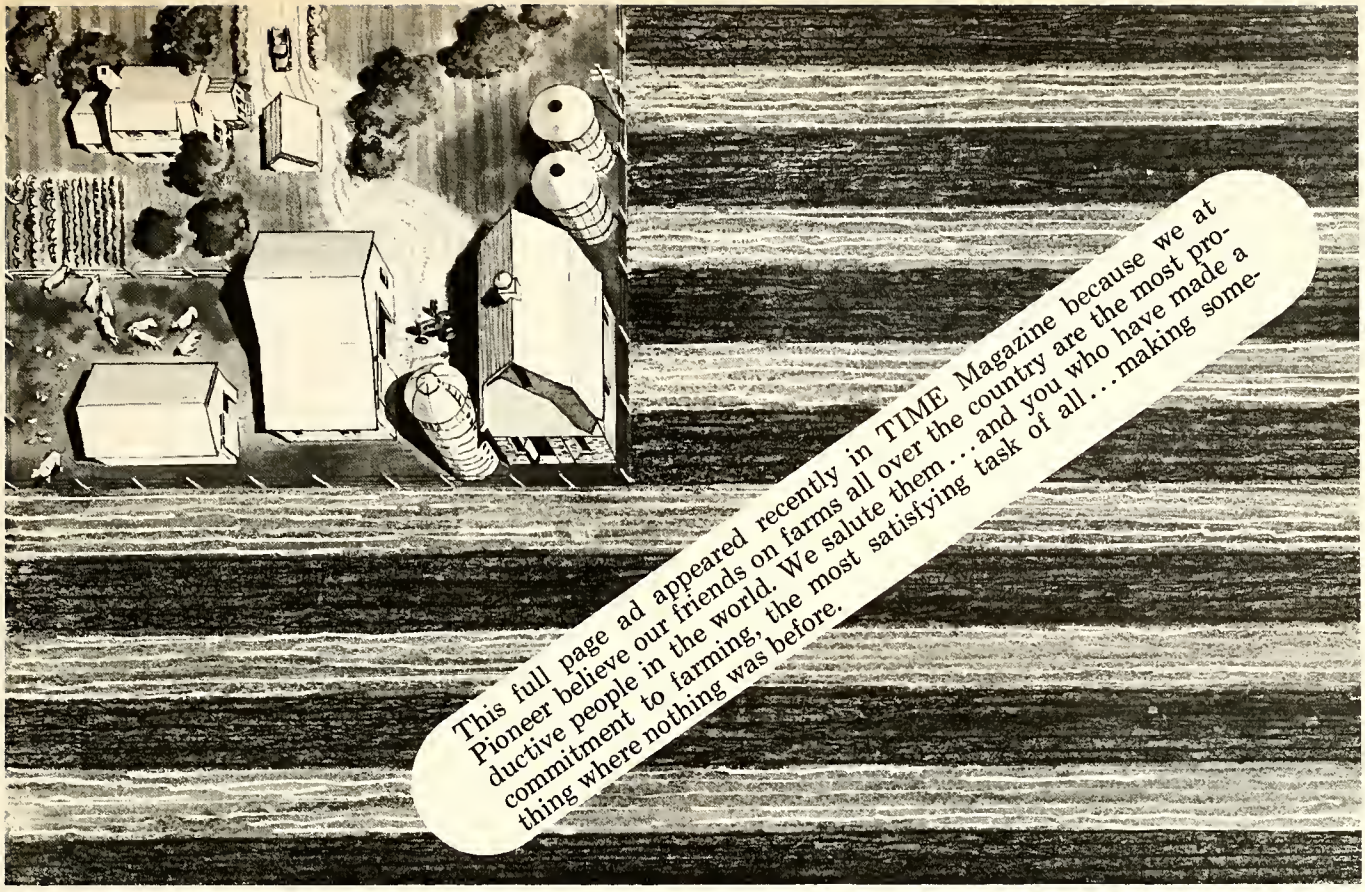
Members who catch calves are required to bring them back to the next exposition and exhibit them in special classes. If, however, a student is unable to return the steer he is asked to refund the original price of the steer as determined at the time he caught it. At the show the owner of the calf submits a complete cost record on the animal to the sponsor, the manager of PILE, and his FFA advisor. Unless sifted by the auction committee the animal is then sold through auction with the total sum going to the FFA member.

Hold on!

Come on? Get in there.

Alex Crewdson Photos




This full page ad appeared recently in TIME Magazine because we at Pioneer believe our friends on farms all over the country are the most productive people in the world. We salute them... and you who have made a commitment to farming, the most satisfying task of all... making something where nothing was before.

These Americans have held the line on prices since 1950.

There's a lot of talk about prices these days. And how to beat inflation. Unfortunately, there aren't any easy answers. But there are some effective inflation-fighters in this country. They haven't had a major price increase in the goods they sell for a generation. Who? The sometimes forgotten farmers in America.

Check the facts.

YEAR	CORN (bushel)	WHEAT (bushel)	BEEF (100 lbs.)	HOGS (100 lbs.)
1950	$1.52	$2.00	$29.35	$18.00
1971	$1.08	$1.31	$33.12	$17.50

Average yearly price from U. S. Department of Agriculture.

Take a look at the prices farmers received for a bushel of corn or wheat in 1950. Twenty-one years later, in 1971, prices were substantially *lower*. In 1950, farmers sold beef cattle for $29.35 per hundredweight. Twenty-one years later, the price had inched up *less than 1% a year!* Prices received for hogs decreased. Maybe you'll agree the best inflation fighters in the country work on America's farms.

Cheaper than dirt.

Here's a real eye-opener. Next time you're at the supermarket, price a 5-pound bag of flour, a 5-pound bag of corn meal and a 5-pound bag of potting soil. You'll find it's no exaggeration to say our farmers sell their products cheaper than dirt.

The high cost of winning.

All the while our farmers have been doing business at prices substantially out of the 1950's, the cost of the goods and services they buy are straight out of the 1970's. How can they survive buying high and selling low? The sad fact is many don't. In the last two decades, nearly half our farmers have left the land for already crowded cities because ends couldn't be met.

Now you know.

Statistics say the American farmer is the most efficient worker in the world. Each farmer provides food for forty-five people. Compared to 20 in 1950. He is one of the very few of us who literally makes something where nothing was before. That could be why, in spite of the built-in risk of trying to beat Mother Nature year in and year out, you'll hear them all say, "I'm proud to be a farmer."

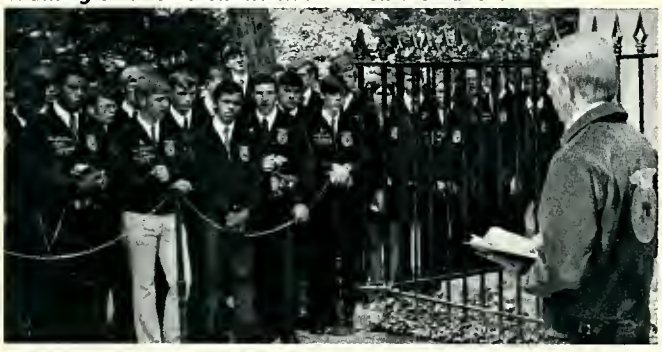
Now, you may ask why the folks at Pioneer are telling you all this. In 1972, nearly half of all the corn growers in this country planted our hybrid seed. Over the years, we've gotten to know a whole lot of farmers . . . so we decided we ought to speak up with the facts. Our friends on farms all over the country deserve it.

PIONEER® BRAND SEED CORN

®Registered trademarks of Pioneer Hi-Bred International, Inc., 1206 Mulberry St., Des Moines, Iowa, U.S.A.

"The biggest asset of the Conference is getting together and carrying ideas back home. It will really help to introduce the ideas that members from other states are using," replied Randall Lanier, vice president from North Corolina FFA. Miles Martinez, Hawaii FFA president, reiterated, *"Participating in the discussions on FFA topics was very educational. The speeches were okay, but the viewpoints of the members will be more beneficial."*

"We, as Americans, should realize that to be born free is an accident, to live free is an obligation, and to die free is a responsibility." The state FFA officers heard National Vice President Kevin Hall express these words during a wreath presentation at Washington's tomb on the Mt. Vernon Plantation.



"The Nation's Capital is something really great to see, and it inspires y You see what America is really made of," proclaimed one state FFA offic *"Visiting all these places in Washington, D. C., as we have done will h my leadership as a state officer,"* said another.

At the signing of the bill making 18-year-olds eligible for federal crop insurance, President Nixon told the state FFA officers, *"We are glad to welcome you, representing the leadership of the Future Farmers of America, because on this day, by the action we take, we are demonstrating your government is responsive, we are demonstrating your government has confidence and faith in young Americans, and we are demonstrating that farming has a future, a great future."*

"I wish I could have had the o young challenging, and develo ica. There is a lot right with A it still more," commented Sec officer panel. *"The FFA can p proud, justly proud, of being vancements in Farm Machinery Farm and Industrial Equipment* Secretary Butz said, *"If any in*

"Loyalty and honesty are the most important assets of leadership," stressed Brigadier General Leonard Fribourg of the United States Marine Corps during an inspirational talk at the Iwo Jima Memorial.

During a rap session Acting Director Michael Russo, Division of Vocational and Technical Education, Office of Education, frankly stated, *"Anything you can put out in terms of brochures or wording in any way that would indicate very clearly the magnitude of your training in agribusiness, by all means do it. You don't have to change your name or any of the things you presently have going for you, but you can permeate a different interpretation and understanding of what the FFA stands for."*

ities that you're going to have in this tremendous, olitical and economical experiment we call Amer- and I know your generation is going to improve arl Butz, in response to questions from the FFA a great service by making people in agriculture great profession." Making reference to the "Ad- " exhibit set up outside the USDA Building by the e in observance of National Farm Safety Week, *is interested in safety it is agriculture."*

"We have confidence in the future of agribusiness, and General Motors wishes to actively support young people preparing for careers in this vital industry," emphasized Vice President Wallace Wilson of General Motors, who sponsored the memorable week for the state presidents as a special project of the National FFA Foundation.

"The Future Farmers of America have a proud record of constructive action to make ours a better country and to make our people a better people. Leadership such as each of you can and will provide, give us, who gave you the vote, confidence that when it comes to environment as well as when it comes to agriculture our future is in good hands," rendered Iowa Senator Jack Miller on behalf of his colleagues during the Congressional Breakfast program. *"We commend all of you for what you have done, what you are doing, and what we know you will do in the future for our blessed country."*

Building Leaders

Through observation, association, and experiences.

EIGHTY-two state FFA officers came to the Nation's Capital to attend this year's State Presidents' Conference. The week-long Conference gave state officers the chance to improve their leadership skills, discuss national FFA topics, share state program ideas, and appreciate America's heritage. Shown here are some of the things they saw, heard, said, and did while in Washington D. C.

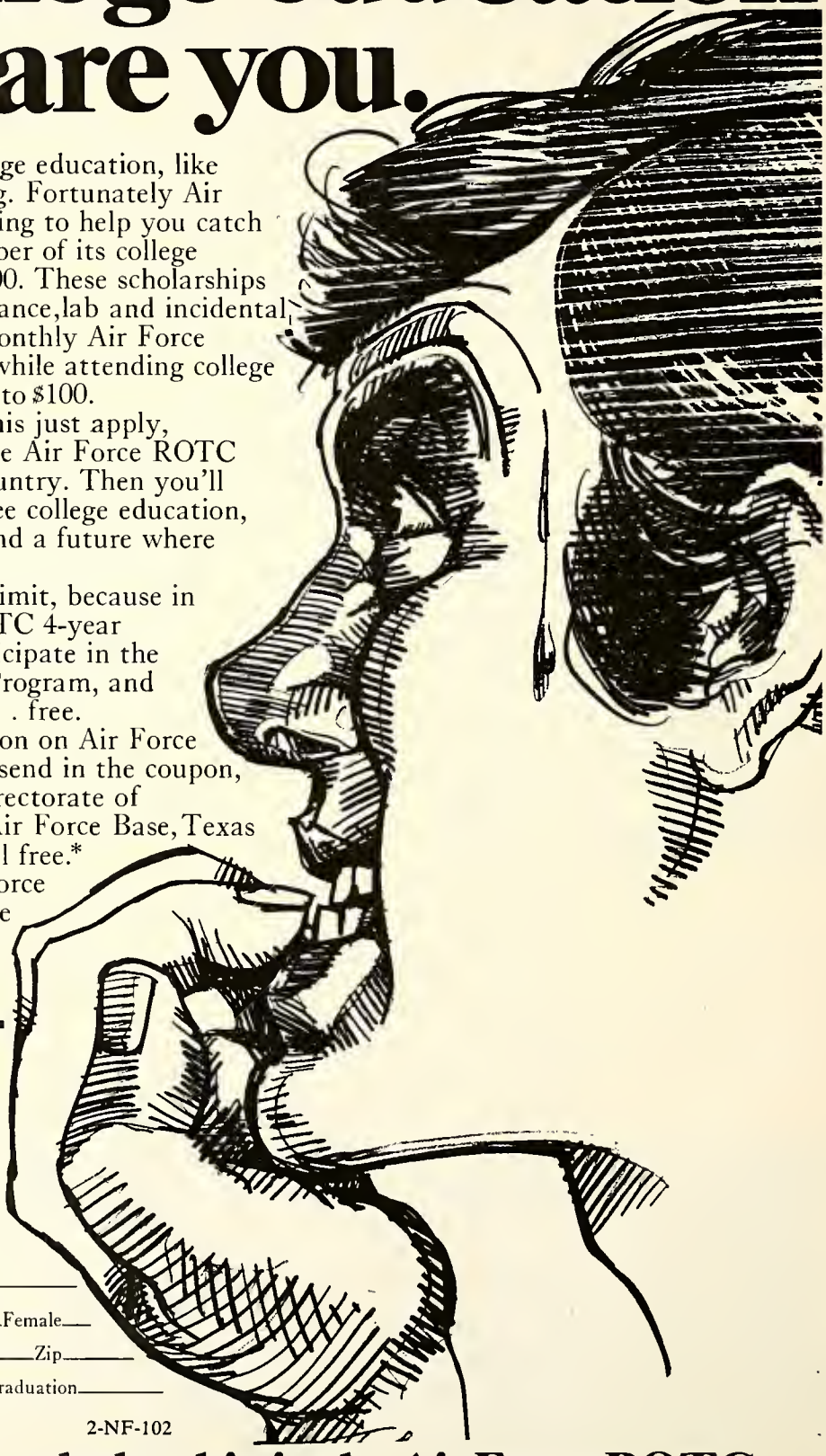
Story and photos by Ron Miller

Missouri FFA President Mike Newkirk summarized the Conference in this way, *"The experiences show the utilization of our organization, and the kind of fellowship we have in the FFA."*

"The presidential yacht trip was the high-point for me." *"This was the first time I'd been on a boat that big." "It was really nice." "I'd sure like to have one."* These were some of the comments made by the FFA leaders during an exclusive cruise on the President's yacht "Sequoia."

Glenn Stith and Stewart Hughes, president and vice president, respectively, of the Kentucky Association, took a personal tour with their Senator. Virginia FFA President John Good, Jr. disclosed, *"Visiting with my representatives and sitting in on a Congressional Committee meeting enlightened me as to how I can better represent my chapter and state."*

Don't let the price of a college education scare you.



The price of a college education, like everything else, is skyrocketing. Fortunately Air Force ROTC has done something to help you catch up. It has just raised the number of its college scholarships from 5,500 to 6,500. These scholarships cover full tuition, a book allowance, lab and incidental fees. Not only that, but the monthly Air Force ROTC allowance you receive while attending college has recently been doubled . . . to $100.

To cash in on all this just apply, qualify, and enroll in one of the Air Force ROTC college programs across the country. Then you'll be on your way to a tuition-free college education, an Air Force officer's career, and a future where the sky's no limit.

And the sky *is* no limit, because in your senior year of the AFROTC 4-year scholarship plan, you can participate in the AFROTC Flight Instruction Program, and earn a private pilot's license . . . free.

For more information on Air Force ROTC Scholarship Programs, send in the coupon, or write the USAF ROTC, Directorate of Advertising/APV, Randolph Air Force Base, Texas 78148. Or call 800-631-1972 toll free.*

Enroll in the Air Force ROTC and the worry of college costs will be nothing but a memory.

*In N. J. call 800-962-2803.

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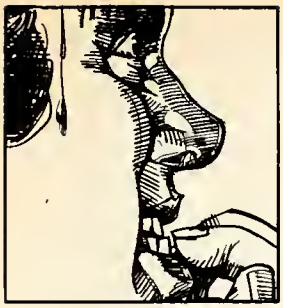

ALABAMA
Alabama State University, Montgomery 36101
Auburn University, Auburn 36830
University of Alabama, University 35486
Livingston University, Livingston 35470
Samford University, Birmingham 35209
Tuskegee Institute, Tuskegee 36088
Troy State University, Troy 36081

ARIZONA
University of Arizona, Tucson 85721
Arizona State University, Tempe 85281
Northern Arizona University, Flagstaff 86001

ARKANSAS
University of Arkansas at Fayetteville, Fayetteville 72701
University of Arkansas at Monticello, Monticello 71655

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University of Califarnio, Los Angeles, Los Angeles 90024
University of Southern California, Los Angeles 90007
University of California, Berkeley 94720

COLORADO
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University of Northern Colorado, Greeley 80631
University of Colorado, Boulder 80302

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University of Connecticut, Storrs 06268

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Howard University, Washington 20001

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Florida Technological University, Orlando 32816
The Florida State University, Tallahassee 32306
University of Florida, Gainesville 32603
University of Miami, P.O. Box 8164, Coral Gables 33124

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Georgia Institute of Technology, Atlanta 30332
Emory University, Atlanta 30333
Valdosta State College, Valdosta, 31601

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Illinois Institute of Technology, Chicago 60616
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University of Iowa, Iowa City 52240
Drake University, Des Moines 50311
Parsons College, Fairfield 52556

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Washburn University, Topeka 66621

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University of Louisville, Louisville 40208

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Louisiana Tech University, Ruston 71270
Louisiana State University & A&M College, Baton Rouge 70803
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University of Maryland, Eastern Shore 21853

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Lowell Technological Institute, Lowell 01854
Massachusetts Institute of Technology, Cambridge 02139
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University of Detroit, Detroit 48221
The University of Michigan, Ann Arbor 48104
Michigan Technological University, Houghton 49931

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College of St. Thomas, St. Paul 55101
University of Minnesota, Minneapolis 55455
University of Minnesota at Duluth, Duluth 55812

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University of Mississippi, University 38677
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University of Montana, Missoula 59801

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North Carolina State University at Raleigh, Raleigh 27607
East Carolina University, Greenville 27834
North Carolina A&T State University, Greensboro 27405

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University of North Dakota, Grand Forks 58202

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University of Portland, Portland 97203

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Lehigh University, Bethlehem 18015
The Pennsylvania State University, University Park 16802
University of Pittsburgh, Pittsburgh 15213
Allegheny College, Meadville 16335
Grove City College, Grove City 16127
Wilkes College, Wilkes-Barre 18703

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College of Agriculture & Mechanical Arts (UPR), Mayaquez 00708
University of Puerto Rico, Rio Piedras 00931

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North Texas State University, Denton 76203
Southwest Texas State College, San Marcos 78666
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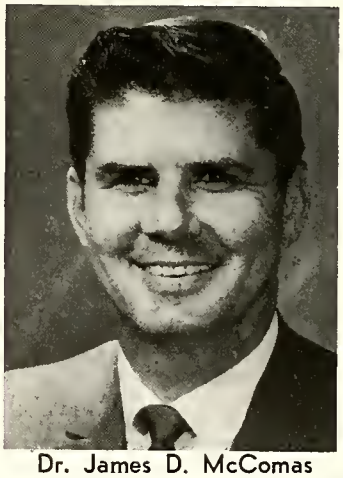
SUCCESSFUL ALUMNI



Dr. James D. McComas

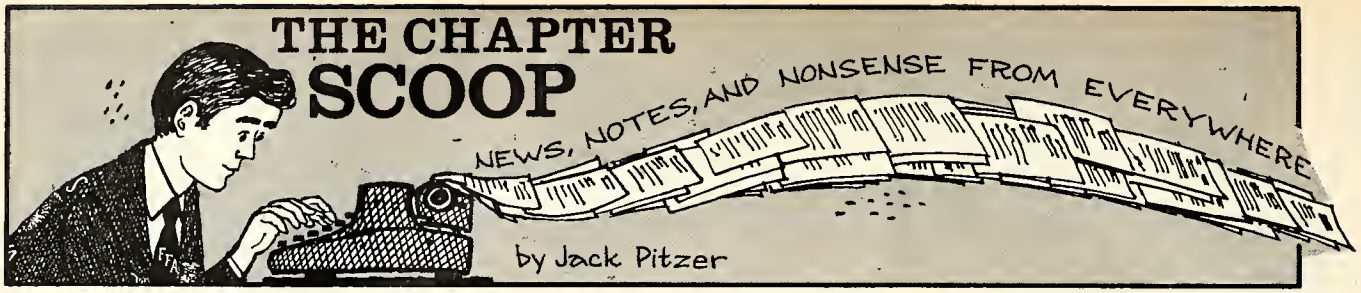
BEING the Dean of Education at a major university was too far away to even dream about when Jim McComas enrolled in vocational agriculture and joined the Buffalo Valley FFA Chapter at Kenova, West Virginia. Yet today, at 43, Dr. James D. McComas is Dean of Education at the University of Tennessee, Knoxville. Behind him is a distinguished career in education.

While in FFA, Jim earned the State Farmer degree and served as reporter and then first vice president of his state association. By the time he enrolled in college, he had decided on a career in education and later earned a Bachelor of Science degree from West Virginia University in 1951. Then he taught vocational agriculture at Fort Gray, West Virginia, for three years and started graduate work at Marshall University.

After military service and high school teaching at Gettysburg, Ohio, Mr. McComas accepted a position as instructor at Ohio State University where he earned his Masters of Science degree and his Doctorate.

Dr. McComas became an Assistant Professor of Elementary and Secondary Education at New Mexico State University. He subsequently held the positions of Associate Professor of Educational Administration, Head of the Department of Agricultural and Extension Education, and then Professor and Head of the Department of Elementary and Secondary Education. Before taking his present position, Dr. McComas was Dean of Education at Kansas State.

Dr. McComas is listed in Who's Who in America and holds such positions as Chairman, Southeastern Manpower Advisory Committee; Member of the Board, National Council for Accreditation of Colleges; and an Advisory Committee for Vocational and Technical Education.



Broadus, Montana, members voted to have a picnic instead of the usual banquet. Parents liked the change.

N-N-N

Lander, Wyoming, Chapter held a bucking barrel event for school carnival.

N-N-N

What did your chapter do this summer that was a success? Fun?

N-N-N

An open air pavilion for student recreation was built on campus by *Sharyland,* Texas, FFA'ers. Has tables, refreshment stand, and music facilities.

N-N-N

Silas Johnson, 14, of *Baboquivari* (Sells), Arizona, FFA is state Star Greenhand. Had six Hereford crossbred heifers, a Brahman crossbred bull, horses, poultry, plus 600 hours of labor for Papago Tribe and local ranches.

N-N-N

Star Agriculturist of Maryland, FFA, **Randy Ruby,** *Damascus* FFA, is a budding auctioneer as well.

N-N-N

Members of the *West Fannin,* Georgia, Chapter voted to lease 130 acres of land for their farm. Planted corn, fescue, and a forestry plot.

N-N-N

North Branch, Minnesota, FFA submitted their environmental achievements for Keep America Beautiful recognition. Plus FFA's BOAC program.

N-N-N

River View, Ohio, FFA won its fifth straight state judging contest sweepstake title in the '72 event at state fair.

N-N-N

The livestock showers of *Paden,* Oklahoma, Chapter organized a group called "Paden Stock Showers." That's for people who show livestock—not for giving livestock showers.

N-N-N

Nine members of *Woodland,* California, Junior High FFA earned enough points in chapter's contest to go on camping trip.

N-N-N

Don Rosenberg is climatologist for his *Lake Crystal,* Minnesota, Chapter. Part of official state FFA activity.

There was a competition division for fathers and for the members at *Iowa Falls,* Iowa, tractor rodeo.

N-N-N

Reporter **Dan Sherman** sends word of the *Sherman,* Oregon, FFA annual beef barbecue at county fair.

N-N-N

Walkersville, Maryland, members toured a Mack truck plant. Witnessed computer controlled production lines.

N-N-N

Grand Champ Barrow at San Antonio Livestock Expo exhibited by *Burbank,* Texas, FFA.

N-N-N

Vice President **Meredith Jernstedt** was *Canby,* Oregon, representative to the FFA Leadership Conference program in Washington, D. C.

N-N-N

Members at *Sands of Ackerly,* Texas, really do select a chapter sweetheart. Girls model; boys vote.

N-N-N

New officers of *McCreary,* Kentucky, Chapter went to state leadership camp.

N-N-N

Fairview, Ohio, constructed a land lab. It includes nature trail with tree identification.

N-N-N

Steve Olsen and **Wynn Winston** of *Atlantic,* Iowa, FFA volunteered to work to help open a child day care center. Cleaned toys and built a fence.

N-N-N

Ralph Lujan of *Socorro* Chapter received outstanding news coverage award during New Mexico's State Convention.

N-N-N

Kenneth Harris of *McBee,* South Carolina, Chapter earns money by plowing gardens. With a mule.

N-N-N

Sorry to report that *Belt,* Montana, Chapter's basketball team was defeated by the faculty—62-50.

N-N-N

Redmond, Oregon, Chapter is tilling a half acre for vegetables. Selling produce in FFA stand.

N-N-N

Collegiate Chapter at Vermont Technical College is proud to number 73.

Kim Alguire of *Moreno Valley,* California, Chapter went deep sea fishing. Got three sharks, a stingray, seasick, and a sunburn.

N-N-N

Members of *Centralia,* Missouri, Chapter are reclaiming a city landfill site. Making it ecological center-park.

N-N-N

There are some really sharp outfits being worn these days with the FFA blazer. *Southside Florence,* South Carolina, parliamentary team has a really colorful shirt and tie combination.

N-N-N

Stillwater, Minnesota, FFA conducted a survey of driving habits at an intersection in town. Found 40% of drivers failed to use turning signals.

N-N-N

Dubby Wilcox, *Greenbrier* FFA, and his dad took top spots in adult and junior individual judging at Arkansas Hereford field day.

N-N-N

From June 15-24, *Albin,* Wyoming, members worked in Medicine Bow National Forest to get a load of 16-foot poles to sell back home. Cut timber in mornings, fished in afternoons.

N-N-N

At *Big Timber,* Montana, open house contests included sawing a board for ladies and tool identification for men.

N-N-N

A list of 51 accomplishments of *Northfield,* Minnesota, Chapter is distributed to mayor, Chamber of Commerce, and school administrators.

N-N-N

Delta, California, held a goat milking contest to publicize FFA WEEK. School coaches were contestants.

N-N-N

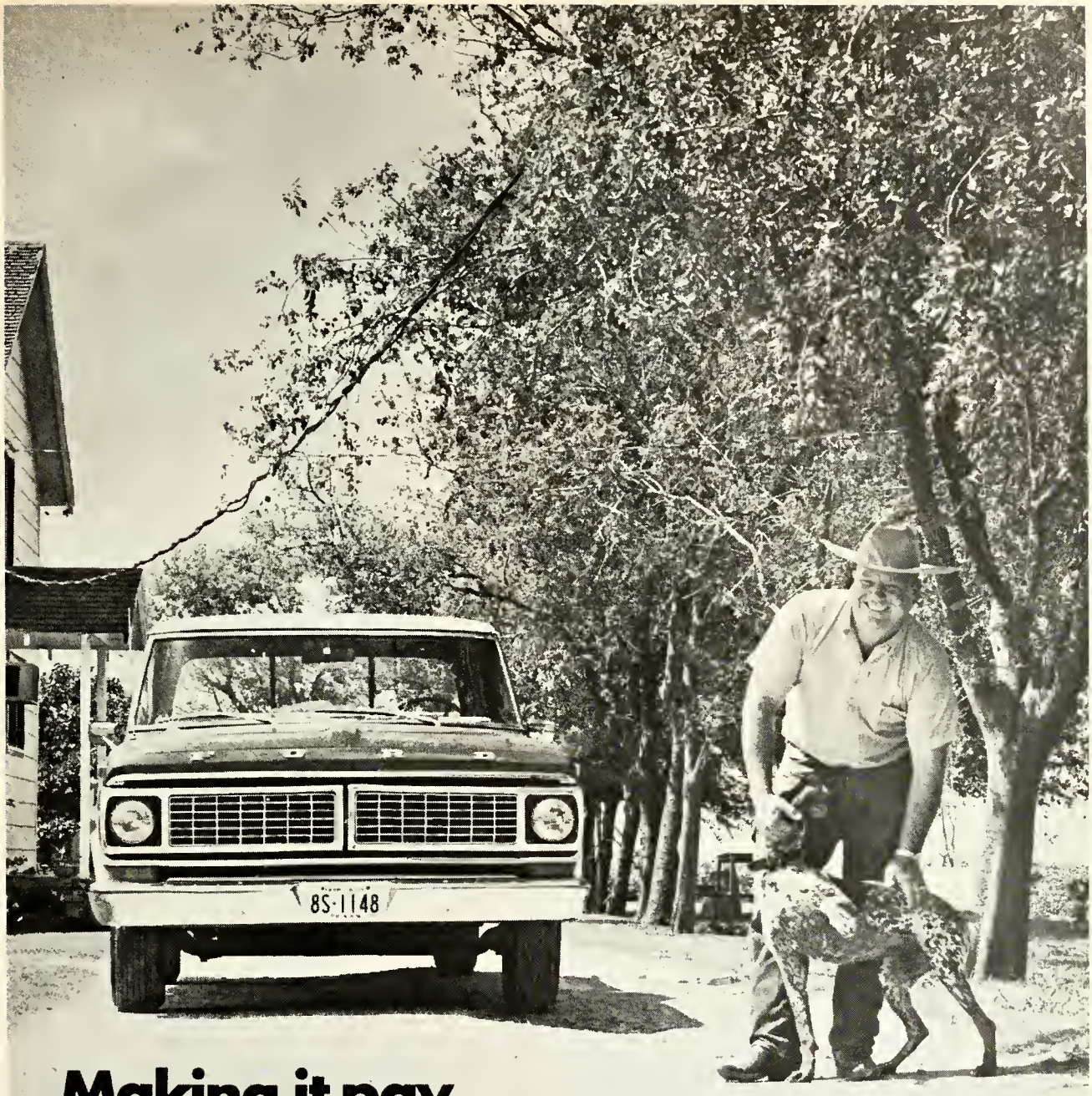
Officer candidates of *Inwood,* Iowa, FFA submit a written application.

N-N-N

Milbank, South Dakota, replaced their 48 star United States Flag.

N-N-N

Don't be the last chapter in your county or district to send in news, notes, or nonsense. Share those good times, good ideas, or good projects!



Making it pay.

Jimmy Steidinger began raising cotton in the Rio Grande Valley back in '55.

"When I started, I could see the challenge right away," says Jimmy. "With the high cost of farming, I had to get every dollar I could out of the land.

"Since then I've moved 300,000 yards of dirt to level the land, and I've put down 10,000 feet of drain tile. This gave me a more uniform crop.

"I've doubled my yield now, and I'm doing real well. I take my Cessna up every so often to check over my land. Then come September, I fly off for three months to see what's going on in the world.

"A man can make a real good living farming today—if he just changes his ways. That goes for equipment too. I buy the most modern, and get what I think is best. And I put in Champions."

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You in '73

It's up to you to reverse the trend of declining membership in the FFA.

By Richard Welton

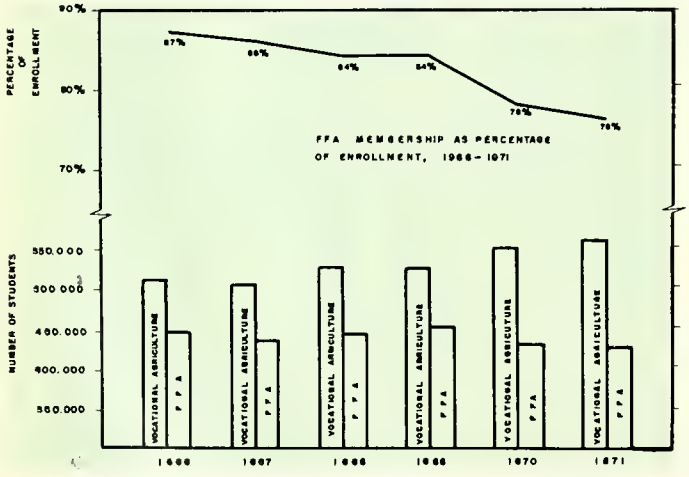
CHANGES NEEDED IN THE FFA, IN ORDER OF PRIORITY, AS INDICATED BY BOTH MEMBERS AND NON-MEMBERS OF THE ORGANIZATION

ORDER OF PRIORITY for FFA Members	Changes Needed in FFA	ORDER OF PRIORITY for Non-FFA Members
1st	Greater opportunities to participate	4th
2nd	More interested members	3rd
3rd	Opportunity for more members to participate	6th
4th	Additional awards and recognition	None
5th	Opportunity for more members to share in chapter leadership roles	None
6th	Schedule chapter meetings when members can attend	1st
None	Modify the image of the FFA from that of only a farm youth organization	2nd
None	Schedule chapter activities when students can participate	5th

IN recent years an increasing number of students enrolled in vocational agriculture classes; however, a record number of these students elected to forego the benefits of membership in the FFA. The extent of abandonment is vividly dramatized when we consider that approximately 131,000—or nearly one out of every four—eligible students declined to join the ranks of the young men in blue. This indicates a developing trend in the FFA which deserves the attention of all members.

While vocational agriculture enrollment has been expanding, percentage membership in the FFA has continued to decline at an accelerating rate. During the period from 1966 to 1971, enrollment in vocational agriculture rose from 510,279 to 558,800. At the same time, FFA membership dropped from 445,387 to 427,888. This represents a percentage of membership decline of 11 percent for that period.

The graph below shows the magnitude of the situation.



Current figures show FFA enrollment rose to 423,278 as compared to 562,141 vocational agriculture students in 1972. This represents a 77 percentage of enrollment in FFA; a slight increase but still far from 100 percent.

Recently a national FFA study investigated desirable modifications needed in FFA programs and policies to extend the partnership of FFA and vocational agriculture to additional students. The study was sponsored in part by the National FFA Organization and endorsed by the National FFA Board of Directors. This nationwide effort included over 100 departments of vocational agriculture and nearly 3,000 junior and senior students in these departments.

One approach employed by the study to identify needed modifications was to ask the students involved... "What changes do you feel are needed in the FFA?" A summary of responses to this question is shown in the table at the top of the page. By order of priority we mean the most significant change is listed first, the second most significant change is shown next, and so on. The needed modifications are shown for vocational agriculture students who were FFA members and for those students who were non-FFA members.

As this information is examined, we find that FFA members indicated "greater opportunities to participate" as their first priority item. The non-FFA members designated this same modification as an item of fourth priority. The modification with top priority status for the non-FFA members was "schedule chapter meetings when members can attend." This same item was sixth in priority for FFA members. Information revealed by the national study contains several implications for chapters needing to extend membership benefits to more students of vocational agriculture.

A reasonable question to ask ourselves at this point might be, "What can I do to help my chapter in extending the leadership and citizenship benefits of the FFA to additional vocational agriculture students in my school?" As we examine the responses of those students we find several clues which may be helpful in formulating policies, planning programs, and implementing activities which will attract an increasing number of students into the FFA.

Many chapters are aware of clues which relate to attracting students into the FFA. Accordingly, they have planned programs which employ special policies and practices to increase memberships. Clues which chapters have identified and ideas they utilize to increase membership include:

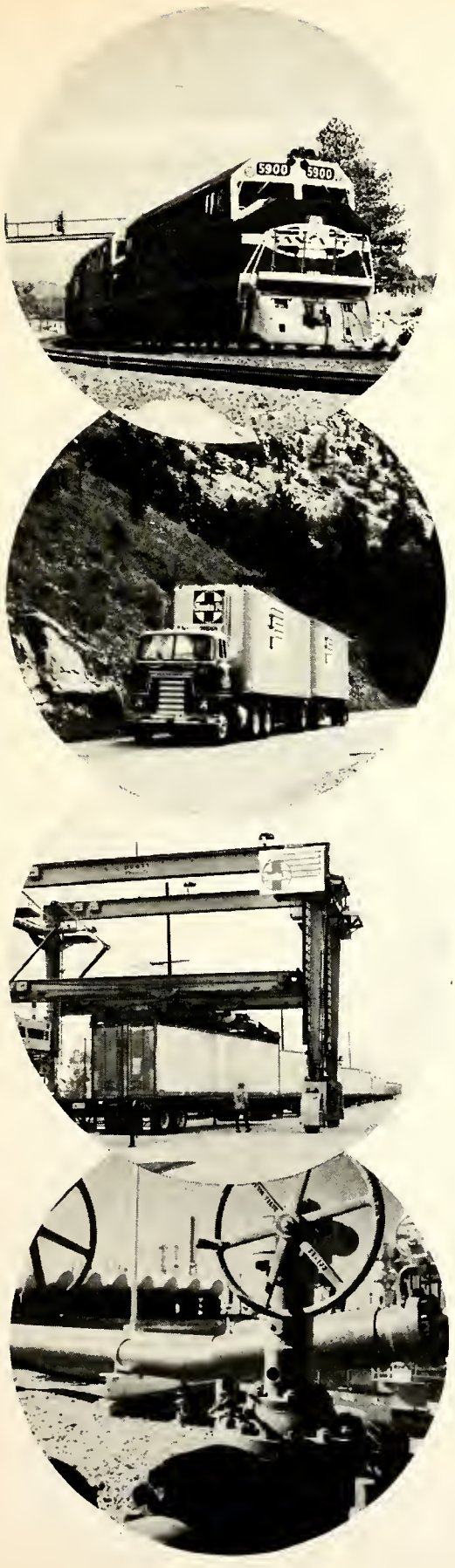
Clue: Additional Leadership Roles

Idea—1. Provisions are made for a maximum percentage of members to participate in chapter leadership.
2. The FFA is arranged according to mini-chapters.
3. Mini-chapters are organized according to regular classes (vo-ag I, II, and so on) and specialized classes (ag mechanics, horticulture, and others).
4. Each mini-chapter elects officers, has standing committees, and conducts meetings. They combine regularly into a parent chapter for meetings.

Clue: Greater Opportunities for Participation

Idea—1. The appropriateness of each chapter activity is examined every year. Activities that are no longer relevant to members' needs are eliminated.
2. The entire chapter makes the final decision on activities to be included in the yearly plan. This is done by having planning committees report to the membership during a meeting for acceptance.
3. Each chapter member is involved in at least one standing committee of the program of activities.
4. Special activities are planned for mini-chapters.
5. Members are constantly alert for new and innovative activities—activities which are timely and imaginative. An excellent example is the "Building Our American Communities" program.

(Continued on Page 32)



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You in '73

(Continued from Page 30)

Clue: More Interested Members

Idea—1. The entire membership is involved in planning and implementing the chapter program of activities.
2. All first-year vocational agriculture students are encouraged to consider FFA membership.
3. The *FFA Manual* is used as a primary source of information for members. In addition, special emphasis is given a yearly review of "The Eight Essentials of a Good Chapter."

Clue: More Awards and Recognition

Idea—1. The degree of member participation in various chapter, district, state, and national activities is recognized and rewarded.
2. "Chapter Award" ribbons, medals, plaques, and trophies are utilized to recognize members.
3. The support of FFA Alumni and local businesses is solicited as a means of providing awards for member recognition.
4. Members participate in the FFA Foundation awards program.
5. A special occasion is planned to recognize member participation—a Parent and Son Banquet or a special awards ceremony.

Clue: Timely Scheduling

Idea—1. Before scheduling chapter meetings, committee meetings, and activities, a survey is made of vocational agriculture classes to determine when the greatest number of students can attend.
2. Chapter and committee meetings are scheduled during school-hour activity periods.
3. Night meetings are held only on special occasions and only after all members have been advised.

Clue: Improved Image

Idea—1. Members are well informed and recognize the reality of change which is occuring in vocational agriculture. They know the modern concept of agricultural education embodies programs designed to prepare agriculture students for careers in production, agribusiness, natural resources, as well as environmental protection. Thus, potential membership is represented by students with varying interests.
2. Each member makes an effort to encourage and invite the non-FFA vocational agriculture student to consider membership.
3. The chapter has adopted an open-door policy for all vocational agriculture students.

Chapter officers and members planning for the 1973 school year find themselves faced with a multitude of challenges—challenges which include financing chapter activities, providing leadership training, improving the public relations program, and planning relevant activities. One factual challenge which faces many chapters is the need to include more vocational agriculture students in their membership.

A primary planning goal for every chapter should be that of a realistic increase in membership over the previous year. By cultivating these ideas your chapter can be effective in reversing the trend of declining FFA membership. The ultimate goal should be for 100 percent membership.

Dr. Richard Welton, former FFA advisor at Eaton, Colorado, based this article on a research report from his Ph.D. studies at Ohio State University. Dr. Welton is currently an assistant professor in the Department of Agricultural Industries, Southern Illinois University. He is on assignment with the United National Development Program as a consultant in agricultural education at the University of Santa Maria in Rio do Sul Brazil.

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Jim oftentimes assists riders in mounting their horses. The tie area is located just right of the picnic tables.

Recreation with Spirit

His versatile business was born out of a desire to share his fun with others.

By Ron Miller

WHEN James Anderson of Ortonville, Minnesota, was seven-years-old his parents bought one horse apiece for him, his brother Reggie, and their older sister. As they grew older the Anderson children decided to share the fun of riding horses with other young people.

When they began the two brothers and sister made about $25.00 a weekend by renting horses for $1.00 per hour. The three Andersons broke trails and worked together on the project until Jim's sister graduated in 1966.

Jim and Reggie continued to purchase and raise horses until Jim took over the entire business in 1970. Reggie, who plans to return to the 50-cow dairy farm, is studying production agriculture at Alexandria Vo-Tech School.

Jim now has eight horses, seven of which he rents out for a charge of $1.50 per hour. During the spring and fall his horseback riding revenue equals about $50.00 per day. Many times in the summer he totals over $70.00 a day.

He calls his business "The Log Cabin Ranch," mainly because a 100-year-old cabin stands near the Anderson home. The cabin was constructed by Jim's great-grandfather and holds an abundance of antiques. Jim and his father occasionally give tours of the cabin as well as showing visitors the imprint of a sod house located on the trail area surrounding a 13-acre lake.

Jim's riding trails are strung out over 10 acres of the 250-acre family farm. "Sometimes I lead groups on the trails," explains Jim, pointing out the rest of the recreational facilities on the farm. "My enterprise has given the area children a chance to have outdoor fun and enjoy animals," he continues.

With a flourishing business Jim now requires reservations and carries a classified ad in the *Ortonville Independent*. To further promote business he offers riders two free hours of riding for every 15 hours they purchase. He keeps a simple record of riders' names and hours at the end of each ride.

The riding attendant provides his

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Sometimes Jim leads groups of riders on the trails surrounding the 13-acre lake. Simultaneously, he checks for safety problems along the trails and corrects them.

horses with oats year-round, hay in the winter, and pasture in the summer. "It has helped my business immensely to provide healthy, contented, and gentle horses," says Jim.

Every morning during the season Jim catches the horses, grooms them and saddles them for the day. In the evening he rubs down each horse, grooms and feeds oats, before turning them out to pasture.

The tie and mounting area is located beside a small lake. To entertain families who bring their children out to ride, Jim set out picnic tables near the lake. Two of the tables which he built fold down into long chairs. He also sells soda and popsicles.

In addition, he has provided a swimming area and water bikes so visitors can enjoy the time even more. Jim rents out three water bikes (one aluminum type and two wooden bikes). He charges $1.50 an hour and receives about $10.00 a week in profit from them. A few campers also use his six-site facility for a $5.00 charge per night.

"FFA gave me the opportunity to run and manage a profitable business," emphasizes Jim. And he demonstrated his business ability by putting his recreational facilities to use in the fall and winter, too.

Jim, a winner of the Minnesota Outdoor Recreation Proficiency award, constructed three brush and rock hunting blinds for family use on the marshy side of the small lake. Moreover, he constructed nets for catching minnows which he supplies to fishermen who rent fish houses from him. Working in partnership, Jim and his father have built seven fish houses for ice fishing.

Operating with a state license they transport the fish houses to nearby Big Stone Lake and rent them to approximately 20 people per week. Their six small houses rent for $5.00 each and the large one rents for $6.00. Jim helps drill holes in the ice and scoop the ice out of the holes for the fishermen.

Advisor Rolland Hoberg, who retired in June after 41 years of teaching vocational agriculture, says, "Jim is a good, active member. Besides participating himself, he often assists freshmen with their activities." Jim has also served as chapter reporter and chairman of the FFA WEEK program committee.

Jim has been on the poultry judging team of the Ortonville Nature Builders FFA for two years. The team has won two state contests and a silver award in the 1971 National Poultry Judging Contest where Jim earned a gold emblem. The team will compete in Kansas City again this year.

Over the years music has played a major role in Jim's life. He was in the high school band, German band, senior high chorus, and mixed chorus—plus a soloist in a musical play, winter concert, and spring festival. He is also an organist at his church and a member of the choir. He has served as vice president of his church youth group and is a Bible study leader. Jim hopes to attend Moorhead State College to major in vocal music and education, with minors in organ and modern opera.

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FFA in Action

A Boy's Zoo

Over the years, Cal Farley's Boys Ranch, Boys Ranch, Texas, has collected quite an assortment of animals. Pets, especially dogs, have always been in abundance at the ranch. Boys would build small cages for rabbits or raccoons they caught and other unusual pets. Soon the menagerie grew until the need for organization was evident. Additional housing and pens were constructed near the entrance to the ranch where everyone could stop and watch the animals.

In July of 1972 the menagerie included 8 deer, an antelope, a buffalo, 4 coyotes, a raccoon, a fox, 2 bobcats, an assortment of birds, pheasants, quail, doves, pigeons, ducks, peacocks, and who-knows-how-many rabbits.

The zoo is supervised by the vocational agriculture department. There are usually two chapter members who take care of the animals, occasionally two younger boys, who work in the agriculture program but are not old enough to enroll in vo-ag in the ranch's high school, take care of the zoo. The boys get feed for the different animals at various places. Grain eating animals are fed rations mixed in the feed grinding and mixing barn. Carnivorous animals are fed slaughter waste from the meat slaughtering plant, while rabbits and other animals get a variety of vegetables.

Two of the boys decided they would halter break the goat and a mule deer as they are so tame. They put the halters on the deer and the goat to get them used to the feel of wearing a halter. The next day they were leading the animals everywhere and wherever they went boys, visitors, and instructors gathered around to pet the animals.

Two baby white tail fawns were brought to the ranch by the game warden. They were too young to eat by themselves and had to be fed from a baby bottle. Everyone wanted to feed the baby deer and no one minded warming the milk and washing baby bottles. With all the special attention the deer soon grew into fine looking does.

The deer population grew by leaps and bounds until this past fall when seven fawns were born. It was decided that some of the deer should be set free to roam the countryside in their natural habitat. But it seems that three of the deer set free preferred the special treatment of the boys. They do not roam far and are often seen grazing outside the fence, standing looking in the zoo, and have sometimes been seen grazing on the lawn of the house nearby.

Cal Farley's Boys Ranch is operated to serve as a home for boys who need a home. *(Guy Finstad, Advisor)*

These new arrivals for the boy's zoo will take lots of extra special care.

Recording Alumni

Eric Minigh, former president of Gilmer County, West Virginia, FFA, recorded two of his more than 100 compositions on the Trip Universal label. The songs "There's No Such Thing As Love" and "I'll Not Think of Yesterday" were released in January throughout eastern United States.

Eric and his brother Michael have demonstrated musical talent at several FFA events during the past three years. The Minigh brothers took first place honors at the state FFA talent contest in 1970 and 1971. They have also played for their local chapter's banquet for three years and played for the state Young Farmers Convention in 1971. In August of 1971 the Minigh brothers performed for the National Disc Jockeys Convention at White Sulphur Springs.

Eric was a member of the chapter's land judging team and the parliamentary procedure team. He is currently a math major at Glenville State College.

Brothers Raise Funds

Brothers Jim and Donald Rausch, owners of a Marathon station in Marysville, Ohio, were very actively involved in FFA during their high school years. Even now they support the local chapter.

The Rausch brothers suggested having a car wash to raise money for the state FFA Foundation. For the past two years the brothers have continued to host the car wash at their station. Along with contributing the space, water, soap, and other supplies, Jim and Donald offered to go through the town and pick up cars of those who wanted them washed.

Books To Kenya

WHAT is it like for students in foreign countries to receive a gift of books?

"They came all the way from America." "Americans are generous." "These are just what we need." Those were some of the comments made by Kenyan students and their teachers after receiving books collected by the Forest Lake, Minnesota, Chapter. (See "Tons of Textbooks" in "FFA in Action" of June-July, 1971 issue.)

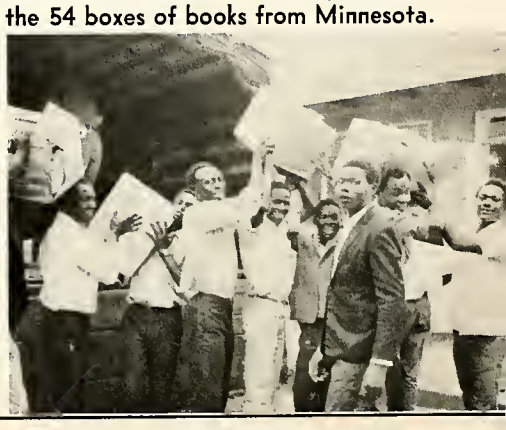
"By Kenyan standards the books are excellent. They are full of pictures, color, and well illustrated," says Advisor Lee Sandager, who was in Kenya to write a curriculum for implementing agricultural education programs. Mr. Sandager helped coordinate the project and has since returned to Forest Lake.

Working with the Forest Lake Chapter the Young Farmers Club of Kenya took it upon themselves to receive the books. They decided to raise money toward the project and distribute the books to the primary schools, colleges, and agricultural institutions.

Similar to the walk staged by Forest Lake FFA'ers, Kenyan Young Farmers conducted a "run" part way around the mountain. Organized as teams they ran five mile distances and passed a torch to another team. The relay covered 60 miles and ended at an agricultural show in Embu. The climax came at the opening of the arena gates and the address by the Vice President of Kenya.

The Young Farmers collected sponsorships for each mile they ran provided they beat a certain time limit. In total they raised about 15,000 shillings, or $2,000. They contributed about $145 towards shipping the books overseas and used the rest for other service projects. The cost of bringing the books up the coast was borne by Columbia University and St. Marks College at Embu where

Students at St. Marks College unload the 54 boxes of books from Minnesota.



Gary Moffett gets a smile of approval for his work from former FFA'er Rausch.

The first year the chapter brought in $66.00 and the second year $63.00. All of the money was contributed to the Ohio FFA Foundation.

Mr. Amer Rausch, their father, is a local farmer and also an avid supporter of the FFA. He has five sons, Joe, Jim, Donald, and Dave, who have completed four years of vo-ag and one son looking forward to becoming a member. Dave, Don, and Joe have received the State Farmer degree. *(Calvin Low, Reporter)*

Floatin' on the River

Within the past several years, boating on the Cowlitz River in Washington increased from nothing to a great deal. On the surface the Cowlitz looks slow and rambling but underneath a dangerous and turbulent river lives. Many people were either capsizing fishing boats, and/or losing their lives. A check by the Coast Guard found little or no safety practiced by the fishermen.

The Toledo, Washington, FFA became aware of the problem and decided to acquaint the local people with proper boating safety practices. They asked the Coast Guard to speak to the Toledo Lions Club. Then they asked the Coast Guard to one of the FFA meetings and opened the meeting to the student body.

The Coast Guard discussed and displayed the proper boating practices and flotation devices. They learned that all flotation devices must be Coast Guard approved or the fishermen will be subject to a fine. This is because some flotation devices might appear to be excellent on the surface, but are poor as a life-saving device.

Members learned that different classes or sizes of boats require certain equipment to be stamped with Coast Guard approval. Normal fishing craft on the Cowlitz should have approved Coast Guard flotation devices, flashlights, horns, and fire extinguishers.

The program was received very well, and this fall FFA plans to have further discussions with the Coast Guard on boating safety—probably a program available to the Toledo community. *(Ron Crawford, Advisor)*

Mr. Sandager was assigned from Columbia University.

Mr. Sandager and the Kenya teachers and students classified and placed the books on the shelves of the library at St. Marks College. His wife helped sort and catalogue them, too. Extra books were given to other primary schools, colleges, and agricultural institutions.

Ordinarily the only books you see in Kenya primary schools are the teachers' copies. "I saw teachers that I worked with take these books out in the classrooms and put them into the hands of children who had never held a book," says Mr. Sandager. "As a result of our project I found and saw full sets of primary science books being used by African children."

There were no problems in using the books since English is Kenya's primary language, and Swaheli is the secondary language. Agricultural books, particularly livestock husbandry texts, are proving very useful. According to Mr. Sandager about two-thirds of the Kenyan students go back to the land. For most of them their education terminates at the end of their seventh year in primary school, somewhere between ages 12 and 18.

The curriculum written by Mr. Sandager and the books sent by FFA members are being used in the training of agriculture teachers at the 16 teacher colleges in Kenya.

Sponsoring a Student

Johann Robier, from Austria, picking peaches on his host farm. He stays at James Wood FFA, Winchester, Virginia.

Guides for Scouts

Boy Scouts from St. Louis Park, Minnesota, traveled 32 miles to spend a Saturday touring and visiting with FFA members of Monticello, Minnesota.

The troop (No. 232) consisted of youths ranging in ages from 12 to 17

(Continued on Next Page)

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FFA in Action

(Continued from Page 37)

and four leaders from the Prince of Peace Church, St. Louis Park.

First on their morning agenda was an introductory talk by the advisor about agribusiness, vo-ag classes, and the Monticello FFA. Chapter members Rick Fair and Chris Vokaty, who went along on the tour with the scouts, were then introduced.

The first stop on the schedule was the Tony Kreidler farm where the group saw his hog production. Fortunately, the group arrived when they could see both newborn pigs and weaned pigs.

At noon the Scouts cooked their own lunch in the school.

Then they went to the Leon Abendroth's dairy farm. The Abendroths raise registered Ayrshire cows and chickens.

From there they traveled to the Harold Anderson farm. Here the boys got a look at sheep at many different stages of growth. Mrs. Anderson was on hand to take one of the lambs out of its pen so the boys could pet and hold it.

The final stop was made at the Lloyd Lund residence. Lunds raise thirty wild mallard ducks in a spring fed creek just behind his house. He bought some tame ducks to keep the mallards there through the winter which they did. The boys had quite a time feeding these ducks corn.

The FFA hopes to cooperate with urban scouts again. Several scouts wrote letters telling about the fun they had and what they had discovered about animals. *(Clarence Roadfeldt, Advisor)*

Out Speaking

The Cassville, Missouri, Chapter has developed public programs in addition to the regular news media to promote vocational agriculture and FFA.

Boys and girls are trained in speaking and sent to businessmen's luncheons, service clubs, the Fourth of July celebration, and soil and crop conferences to carry the FFA message.

A local banker contributes $150 in contest money each year to promote this program. The members receive two or three weeks training each year from the time they are freshmen. This year 27 speakers were trained. Their talks are chiefly concerned with current problems facing the nation, agriculture, and the community. This type of service program enables the chapter to select a speaker that will fit the organization's program.

Tie with Thai

For the past two years the Eureka Chapter in California has been involved with Thailand in an unusual way.

Two years ago, the present agricultural instructor at Eureka High School, Mr. Don McCann, was a member of an educational improvement project to Thailand. This was sponsored by the California State Polytechnic College, San Luis Obispo, and the Royal Thai government. The purpose of the project was to help improve the agriculture standards of teaching in Thailand.

At the conclusion of the two year tour, one of the many Thai agriculture students Mr. McCann was acquainted with, Phaiboon Sawatdee, returned with the McCann family and is presently attending school at Eureka High School.

Since then Phaiboon has become an active member of the FFA, owns his own sheep, and is hoping to show at the next fair. He has bought his own jacket and attends the chapter meetings regularly.

When asked if he found Eureka High School more difficult than the Thai school he had attended, Phaiboon answered, "It is equally difficult, except for English. I have some trouble with that subject." Although a course in English was taught in the school Phaiboon attended, it was much different than the English course in America.

Phaiboon will probably return to Thailand and continue his education at an agricultural institute after graduation from Eureka High. As to whether or not he will ever return to the U. S., Phaiboon replied, "I hope to do so."

Phaiboon Sawatdee, left, of Thailand belongs to Eureka, California, FFA.
Photo by Tom Fridley

Safety is Special

Major emphasis in the Saline, Louisiana, Chapter safety program for this year is safety education.

Members made a list of the accidents that had happened in the community for the past twelve months and the safety areas involved. These accidents were discussed as to cause, possible prevention, and results. From these studies it was decided that the major emphasis should be safety education.

After the chapter decided on the major point they would emphasize during the year, the president appointed committees. The chapter budget includes money to carry out a strong community safety program.

Chapter members are encouraged to be safety conscious through safety programs during FFA meetings, class in-

The extensive safety education effort includes first hand work experience.

struction, practicing safety in the shop, and conducting safety demonstrations. Safety literature is available to members and is distributed in the community. The chapter produced a radio program about safety and put up exhibits in their area.

Other areas of safety included in the chapter's program are farm and home, electrical, tractor and equipment, and fire. *(Ricky Kelly, Reporter and Safety Education Chairman)*

Radio Hook Up

It all started when a letter from the Swan Hill Chapter of Future Farmers of Australia arrived at the FFA chapter in Stillwater, Minnesota.

The Australians invited FFA to try to make radio contact with them via a radio ham. The members of Swan Hill indicated they wanted to hear about the kind of farming, cooperative enterprises, and home projects in the United States.

A Minnesota group of "hams" helped make arrangements by letter and later a radio contact. Reverend George Metcalf, who lives in the Stillwater Chapter's area, was the operator.

The first contact took 1½ hours searching for a clear channel. A third operator in Ohio served as a go-between for the two stations and set up a time and date for a later visit.

During the second visit Mark Alberg of Stillwater talked at length with the Australian Future Farmers. The Minnesota chapter advisor plans to continue the contact with Australian Chapter Advisor Stan Lewin by exchanging cassette tapes. *(Ray Erwin, Advisor)*

Rolling Greenhouse

A portable greenhouse is being used in the Eastern Lancaster County, Pennsylvania, school district to deliver vocational agricultural education to students. In fact, it is already a model for other school districts.

The greenhouse is actually a do-it-yourself construction package assembled on a farm wagon. The Greenhands were given the assignment of building it.

Funds to purchase the greenhouse, the wagon, and bed were provided by the federal government. The Pennsylvania Power and Light Company provided an electric heating system.

This classroom on wheels goes to the students instead of moving students.

Students in elementary, middle school, agricultural electives, vo-ag, and adult education programs get to use the portable greenhouse. *(Robert Herr)*

Twins to Farm

Cathy and Christie Carter, 19-year-old twins from Eldred, Illinois, received the Illinois State Farmer degree.

In June of 1970 Christie was rewarded for her work in FFA as the first girl to receive the State Farmer degree in Illinois. A year later Cathy was awarded her State Farmer degree at the Illinois FFA Convention in Urbana.

The twins live on the 3,200-acre Bluffdale Farm located about 60 miles southwest of Springfield with their parents Mr. and Mrs. Neil Carter. Also in the family are Lynne 22, Jeff 10, and

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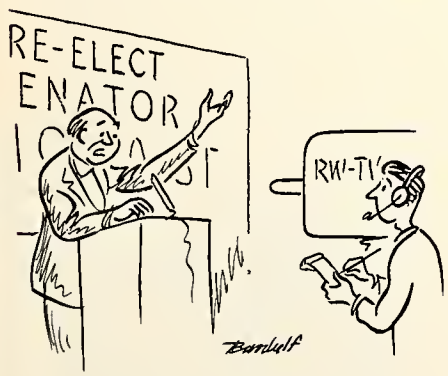

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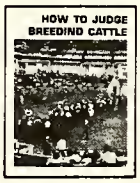

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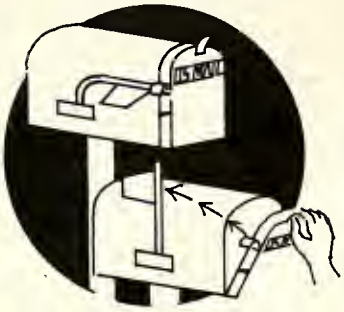

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FFA in Action

(Continued from Page 39)

Jillie 4. Cathy says, "I imagine that someday Dad will leave the farm to us. And when he does, Christie and I will be ready and able to run it."

Both girls are Sophomores at Western Illinois University in Macomb. They are majoring in animal science in the College of Agriculture. "We've been raising steers since we were nine so that we would have the money for college," Cathy says, speaking for her sister, too.

Along with their academic studies, the girls work at the university farm. "I enjoy working at the campus farm," remarks Cathy. "It's just like a hobby to me." Their work on the farm includes examining corn varieties.

Throughout high school the twin girls maintained an outstanding agricultural program, producing beef cattle, grain, and horticultural products. Cathy says, "We had much encouragement from Mr. Eicken, our high school agriculture teacher." *(Karen Ostendorf)*

Say or Pay

The Northwood-Kensett, Iowa, FFA has a unique "Learning the FFA Creed" program.

Each month at the chapter meeting the name of a member is drawn at random. He has a chance then to recite the Creed for a dollar. If he cannot or will not, the "kitty" goes to two dollars for the next monthly meeting.

So far the highest prize was three dollars which implies most of the members know the FFA Creed. All members must learn the Creed before they can become Greenhands. The program encourages older members to keep it in mind. *(H. A. Rupert, Advisor)*

Association Gets Horse

The Florida FFA Association became the owner of a registered Quarter-horse by the name of Hollywood Luther. The horse was donated by Mr. L. C. Ringhaver, president, Ring Power Corporation of Jacksonville, and was presented to the state association by Commissioner of Agriculture Doyle Conner.

Luther is the son of the famous Hollywood Bill who is owned by Mr. Luther White of Chiefland, Florida. The Palimino, a registered Quarterhorse, was born and bred on Mr. White's farm. He is trained to cut and work cattle and has placed high in national cutting shows.

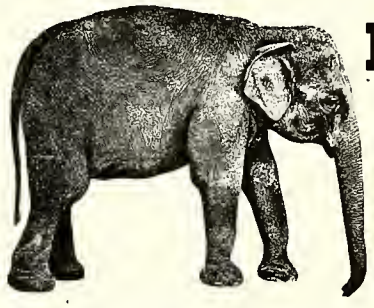
The beautiful horse is available for stud service to all Florida FFA members and will be located in different sections of the state each year. Persons other than FFA members may also use the horse, but the stud fee will be slightly higher for them.

The Santa Fe Junior and Senior Chapters have leased the stallion from the state association for the first year. Luther is presently in stud at the school farm located on the high school campus.

"We hope to put the beautiful Palimino to good use in improving the horse programs of our members," says Advisor Marion Riviere, "as well as providing service to other interested horse owners."

At Santa Fe the members have the total responsibility of caring for and feeding Luther. Advisor Riviere points out, "We have used his presence as practical experience in our teaching of horse care and animal nutrition." Luther is checked periodically by a veterinarian, and an FFA member is responsible for the valuable animal anytime Advisor Riviere is away.

The advisor and Glenn Hough of Santa Fe Chapter care for Hollywood Luther.



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Bank Presents Scales

West Plains, Missouri, accepts a set of portable hog weighing scales from Mr. Thompson of West Plains Bank.

To Say Thank You

Every year after the Kern County Fair, the Kern Valley Chapter at Lake Isabella, California, holds a "Buyer's Bar-B-Que" to thank all the people who bought animals at the fair.

The students sit with the buyers of their animals and can express personal thanks. Also the buyers get to know the FFA members. Besides the great food, one of the judges or an auctioneer from the fair gives remarks. Many parents also attend the bar-b-que.

One of the highlights of the day is a livestock judging contest for adults only. A prize is awarded to the high judge as well as a "boobie" prize for the low.

All ribbons and trophies won at the fair are displayed at the event and a ribbon with a picture of the animal is given to the buyers. Prior to the bar-b-que the students send thank you letters and invite buyers to the bar-b-que. *(Kay Christie, Reporter)*

FFA President Saddles Up

Each year the national FFA president travels many thousands of miles by air, bus, and car. This year National President Tim Burke exchanged his FFA jacket for a warmer coat and his airplane ticket for a saddle and horse, and made a 50-mile wilderness trek into Wyoming's Glacier Primitive Area with Wind River, Wyoming, FFA in early July.

As we climbed up the mountain to the trail head, the dark clouds and fog hung over the mountains and the trees were covered with fresh snow making it look like Christmas instead of the 4th of July. That night it drizzled and snowed on us most of the night. The next morning we packed up and headed up the trail. Our destination was Dinwoody and 13,785-foot Ganite Peak, highest point in Wyoming.

Besides camping at various spots, the group enjoyed skiing, hiking, and successful trout fishing. Along the trail some chapter members saw other wildlife such as bear, elk, moose, and deer.

We had a wonderful week of fellowship with National President Tim Burke, and he had an experience that would not be forgotten too soon. *(Terry Slack, Advisor)*

Kansan Joins National FFA

Earl Wineinger

EARL Wineinger, a native of Norwich, Kansas, has joined the staff of the National FFA Organization as associate manager of the FFA Contests and Awards program.

Mr. Wineinger served seven years in the Kansas State Department of Education as a supervisor of vocational agriculture education programs in south central and southwest Kansas. He also assisted in the organization of the Kansas Agricultural Business Student's Association and in the establishment of FFA livestock shows.

He was a vocational agriculture instructor and FFA chapter advisor for five years before joining the Kansas supervisory staff. In 1970, Mr. Wineinger was the director of a National FFA Study Tour of Northern Europe Agriculture which visited dairy farms in Scotland, swine raising programs in Denmark and other agricultural areas in France, Belgium, Holland, and East and West Germany. Mr. Wineinger has also served as superintendent of the National FFA Poultry Judging Contest at the National FFA Convention for the past four years. His responsibilities will be broadened this year to work in all judging contest areas.

A graduate of Kansas State University, Mr. Wineinger holds a B.S. degree in agriculture education and an M.S. degree in vocational education.

Mr. Wineinger is a member of the Kansas Farm Bureau, the Founding Farmers of the Agricultural Hall of Fame, the International FFA Chapter, the National FFA Alumni Association, and the Topeka Campers and Hikers. He resides in Woodbridge, Virginia.

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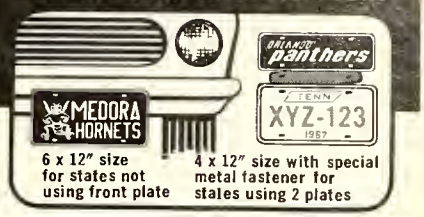

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SPORTRAIT

By Richard Weber

Ronnie Estay is a true All American.

RONNIE Estay, a highly regarded defensive tackle from the Louisiana State University Fighting Tigers, signed a three-year contract this past spring. He is playing his first professional season this fall with the British Columbia Lions of Montreal in the Canadian Football League. He was previously an eighth round draft choice of the Denver Broncos.

Ronnie is a 1968 graduate of South Lafourche High School at Galliano, Louisiana, where he was an outstanding high school football player. He was also enrolled in vocational agriculture and a member of the local FFA chapter for four years.

Actively involved in FFA, Ronnie served as a chapter officer and was a member of the meats identification team that competed in the state finals. In addition, he won second place in Horticulture Proficiency and was presented the State Farmer degree at the Louisiana FFA Convention held in Shreveport in 1968. Ronnie, as evidenced by his good grades, says vocational agriculture was one of his favorite subjects.

In college Ronnie was an honor student; a member of Omicron Delta Kappa, a national leadership fraternity; and a Cadet Colonel in R.O.T.C.

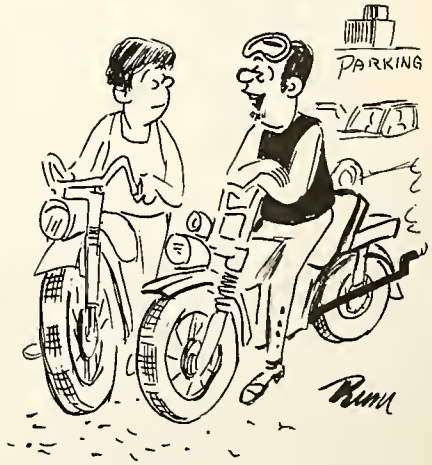
One of the quickest defensive linemen ever to play at LSU, Ronnie consistently turned in fine performances for his team. An exceptionally talented individual Ronnie is not big for his position, but his lightning fast moves enabled him to thwart offensive blockers and constantly harass runners and quarterbacks.

During the 1970 season he tackled quarterbacks Pat Sullivan of Auburn and Archie Manning of Mississippi in the end zones for safeties—a phenomenal feat, particularly against two such fine football players.

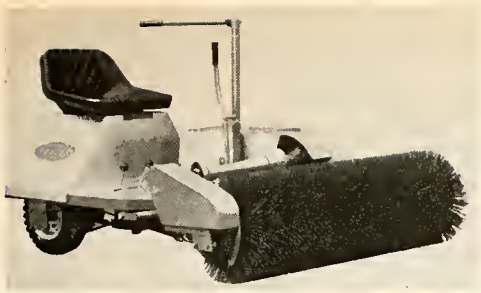
Being the only senior on the starting defensive "Front Four" at the beginning of the 1971 season, he was required to take over leadership of this unit, decimated by graduation. After being with squads which for two years in a row led the nation in defense against the rush, Ronnie helped to bring the Tigers along last season until by the end of the year their defense reached maturity.

Named to the Coaches' All America for 1971, Ronnie was also selected as a member of the All Southeastern Conference team. His actions against Notre Dame earned him Southeastern Lineman of the Week, National Co-Lineman of the Week, and Sports Illustrated's Defensive Player of the Week. His other accomplishments while serving on the gridiron at LSU were: Kodak All America First Team; UPI All America Second Team; AP All America Second Team; NEA All America Second Team; LSU Most Valuable Defensive Player for 1971; Chevrolet Defensive Senior of the Year; and a finalist for the coveted LOMBARDI AWARD.

If the past is any indication of the future, you'll be hearing more about this upstanding young man, football player, and former FFA member. Ronnie is a fine example of the student-athlete-leader and is an All American in the strictest sense of the word.

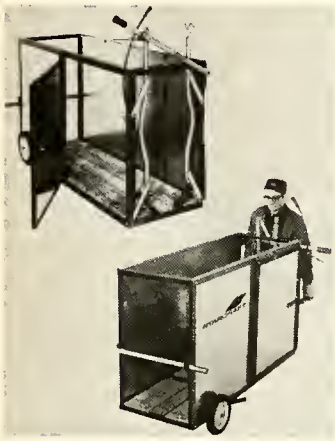


"I'm going to turn it in on a new one so I won't run out of monthly payments."



The Alley Cat, a self-propelled rotary barn broom, cleans a 36-inch swath and sweeps straight ahead or angles to either side. The broom, by Uebler Milking Machine Company, Vernon, New York, has an electric motor and a two-speed transmission with reverse.

Ralston Purina's New Alumalife creep feeder has a capacity for feeding 50 calves for about 15 days. It is transportable by pickup, has adjustable stalls, and carries a 10-year guarantee.



Something New

A new automatic hog holding crate is available from Starcraft Agri Products, of Goshen, Indiana. The crate features a side door, tilt-down wheels, plus a parallel bar head gate which adjusts vertically and horizontally as gate is closed.

An overhead cattle feeder for in-barn manger feeding is now being offered by Patz Company of Pound, Wisconsin. The Model 166 will deliver feed to 50-200-foot mangers on floating suspension with its 1½ to 2 h.p. instant reverse motor.

New Holland has introduced the Model 357 grinder-mixer featuring a 120-bushel tank and a 21-inch hammermill. An 8-inch diameter unloading auger system, which is available in 13-, 17-, and 20-foot lengths, empties the tank of the PTO driven unit.

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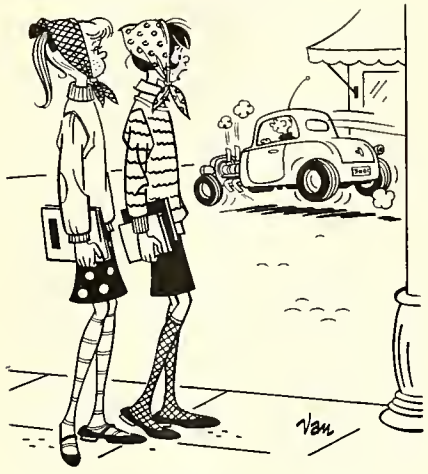
Worried Patient: *"Will my false teeth look natural?"*

Dentist: *"Lady, I'll make them so natural, they'll ache."*

Vernon Pallak
San Antonio, Texas



"I used to date Reggie until I began to notice a change in his appearance. He didn't appear for weeks at a time."

Said the artist: *"I'll give you five dollars if you'll let me paint you."* The old mountaineer scratched his head and looked doubtful. *"It's easy money,"* said the artist. *"No question 'bout that,"* the mountaineer replied. *"I was just wonderin' how I'd get the paint off."*

Katie McCarley
Karnes City, Texas

There was an old farmer who was retired. He had never been to the city before. While this old farmer was walking along the street of a city he stopped and tapped the sidewalk with his cane. Then he said, *"Just as well build a city here, it's too hard to plow."*

Charles Weller
Bedford, Iowa

"I wish I had enough money to buy an elephant."

"Now why do you want an elephant?"

"I don't. I just want the money."

Paul Lynn Schnuelle
Jansen, Nebraska

FFA JOKE BOOK

A collection of the escapades and antics of one of FFA's funniest members, "Charlie, the Greenhand." Plus other jokes that have appeared in *The National FUTURE FARMER*.

For your copy, send 50 cents with your name and address to: Joke Book. *The National FUTURE FARMER*, P. O. Box 15130, Alexandria, Virginia 22309.

A champion athlete in bed with a cold was told he had a temperature.

"How high is it, Doctor?" he wanted to know.

"A hundred and one."

"What's the world's record?"

David Johnson
Worthington, Minnesota

Boss: *"Did you write 'Fragile—This Side Up' on the carton before shipping it out?"*

Clerk: *"Yes, and to make sure everyone saw it, I marked it on four sides."*

Harold Benson
Mocksville, North Carolina

The family was having its New Year's Day dinner when the little five-year-old burped. His father scowled at him and said, *"I hope you've learned to say what grownups say when they do that."*

The boy thought a minute, then brightened, *"Oh Yeah, Happy Neeeew Yearrrr."*

Larry Rieck
Belle Plaine, Iowa

Barber to a young customer who really needed a haircut: *"Were you ever in the Navy? If so, I think I just found your cap."*

Phyllis Jensen
Richfield, Utah

Man teaching wife to drive: "Go *on green, stop on red, take it easy when I turn white."*

Pam Hinson
Mt. Pleasant, North Carolina

Customer: *"Waiter! Waiter! I can't eat this soup."*

Waiter: *"I'm sorry, sir. I'll get the head cook."*

Customer: *"Head Cook! I can't eat this soup."*

Head Cook: *"I'm sorry, sir. I'll get the manager."*

Manager: *"I'm sorry, sir, but why can't you eat the soup?"*

Customer: *"I don't have a spoon."*

Gayle Culver
Statham, Georgia

Waitress: *"Don't I know you from somewhere?"*

Famous Actor: *"You may have seen me in the movies."*

Waitress: *"Maybe! Where do you usually sit?"*

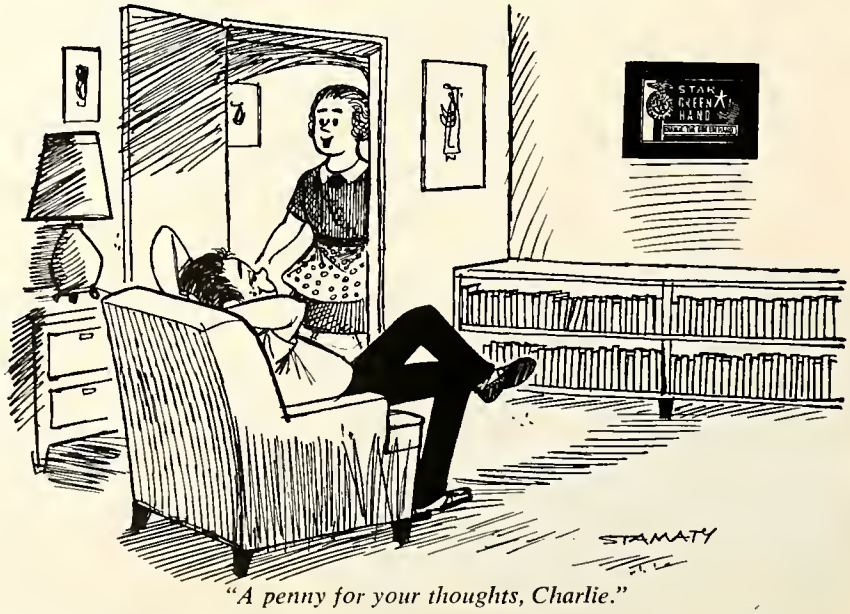
Anita Stuever
Capac, Michigan

The boy and girl were ice skating on a small pond in the country. The boy skated until he could stand the cold no longer, and made his way back to the car where he tried to get warm. His girl friend continued skating. He watched her for a short while, then rolled down the car window and yelled: *"I can't see what keeps you girls from freezing."*

"You're not supposed to," she answered gaily.

Chuck Bass
Nahunta, Georgia

Charlie, the Greenhand



"A penny for your thoughts, Charlie."

The National FUTURE FARMER *will pay $1.00 for each joke selected for publication on this page. Jokes must be submitted on post cards addressed to the National* FUTURE FARMER, *Alexandria, Virginia 22309. In case of duplication, payment will be made for the first one received. Contributions cannot be acknowledged or returned.*

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There's no such thing as "half-way" with Walt Garrison. Ask any NFL lineman who's ever tried to stop him. He rushed for over 5.2 yards per carry in the '72 Super Bowl to spark the Dallas Cowboys to their first World Championship.

In the off-season, Walt wrestles steers in Rodeo Cowboys Association rodeos. Word is, if he were ever to trade his helmet for a felt hat full-time, he'd collect championship money before the year was out.

Walt won't compromise when it comes to buying boots, either. He pulls on the best fit, quality and style money can buy. That's why he chose Tony Lama boots as his brand years ago.

Long before we asked him to appear on this ad.

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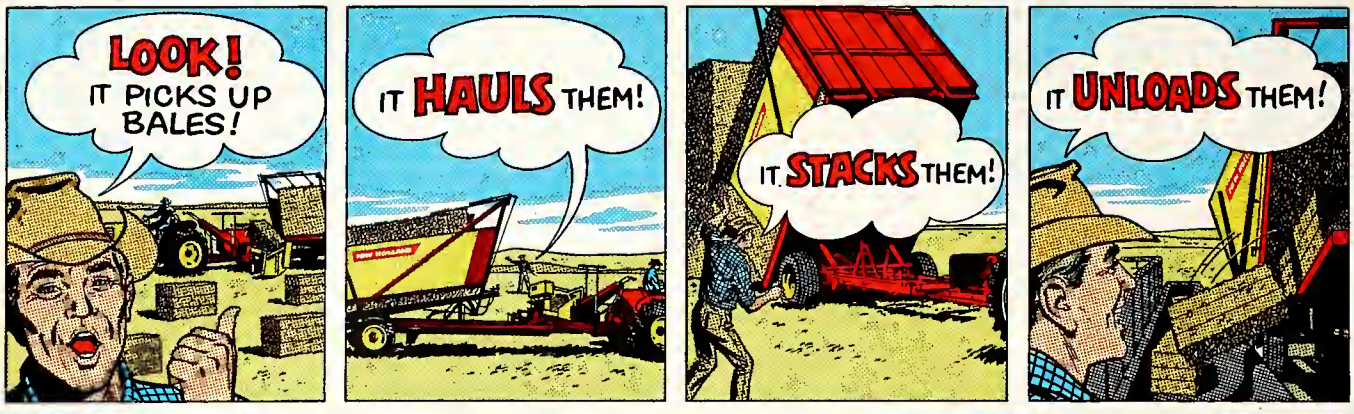
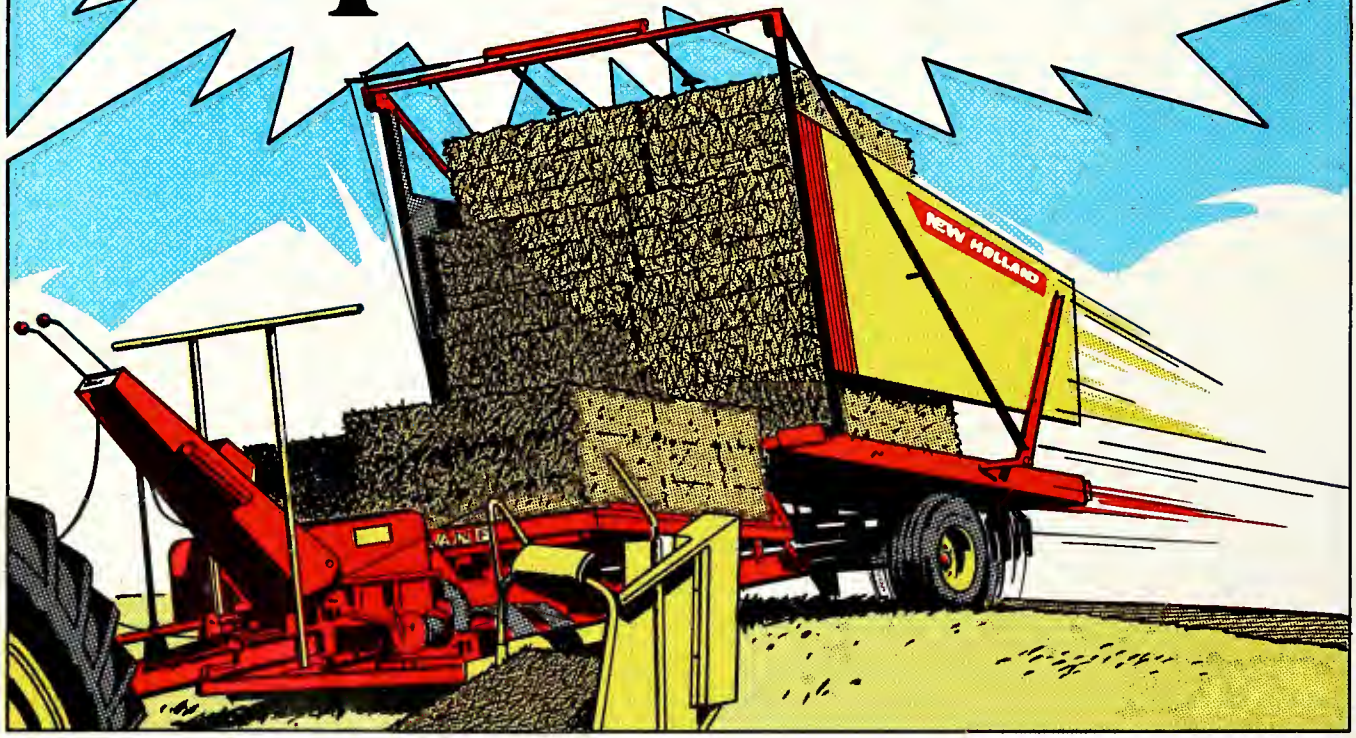


It's Super-machine!



So much for the fun.

The fact is, a New Holland automatic bale wagon is all business out there in the field.

It does nothing less than revolutionize haymaking. For the first time, haying becomes a fast, easy, one-man job.

Even with the smallest model (shown) in the line of six, you'll move 54 tons a day. With the largest, up to 121 tons. That's from field to stack . . . all automatically, all by yourself. (Based on an 8-hour day and a mile-away stack.)

Prefer to unload one bale at a time along a level feed bunk or onto a bale elevator? Some models are equipped for this. Want to be able to take the stack away as quickly as you made it? Several units are stack retrievers as well as stack builders.

But you've got to see this machine to believe it. Once you do, you'll never again want to go back to bale handling by hand.

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